MARINCO®

MARINE
EMERGENCY VEHICLE
INDUSTRIAL
RV

2022

Your most trusted partner

Whether on water or on the road, delivering an optimal user experience is at the heart of ASG's business. It's why we are proud to be the world's leading supplier of products and integrated systems to the marine, RV, and Specialty Vehicle industries. Our broad portfolio of market leading brands in power management, digital control & monitoring, and networked devices are distributed globally to a diverse aftermarket and OEM customer base. ASG is driven, every day, to be the world's most trusted partner to the marine and mobile industries.

ANCOR
Wire
Wire Management
ancorproducts.com

attwood
Lighting
Marine Accessories
Water and Fuel Systems
attwoodmarine.com

BEP TRUSTED QUALITY
Battery Management
Power Distribution
bepmarine.com

BLUE SEA SYSTEMS
Battery Management
Circuit Protection
Power Distribution
bluesea.com

CZONE
Digital Control
& Monitoring
Onboard
Offboard UX
czone.net

GARELICK
Metal Fabricated
Hardware
garelick.com

MotorGuide
Trolling Motors
motorguide.com

ProMariner
Battery Chargers
promariner.com

Whale
Heating Systems
Pumps
whalepumps.com

MARINCO
AC Shore Power
Marine Accessories
marinco.com

MASTERVOLT
Batteries
Power Conversion
mastervolt.us

LENCO
Actuators
Trim Tab System
lencomarine.com

What makes Marinco different:

▎Founder's Vision

Since 1972, Marinco power inlets and cords have set the industry standard. They are built to withstand the harshest marine environments. Marinco has continued to expand their product line to offer a complete range of shore power cords from 16A to 100A, as well as a broad range of cord adapters. Marinco is also a leading supplier of wipers, spotlights and horns to the marine industry.

▎Innovation & Engineering

Marinco engineers and manufactures a range of high quality electrical solutions designed for the harsh Marine and RV environments. Every product we make meets exacting performance specifications and is designed to withstand extreme conditions both at sea, and on land.

▎Selection

Over 800 electrical products are designed to work together as a system

▎Worldwide Access to Product

A distribution network in over 45 countries provides access to products when they are needed

▎Information

24-hour access to product information, selection tools, and technical articles online at marinco.com

▎Industry Standards

Industry involvement ensures products meet ABYC, NMMA, and Coast Guard standards

▎Quality

Product quality is managed in a manner consistent with international standards

NEW Products

27

Marine Surge & Safety Pigtails

Marine surge protection pigtails provide a convenient and cost effective solution to detect and protect from unsafe electrical conditions such as open ground, open neutral, and reverse polarity. In addition, they are designed to protect marine electronics from power surges by absorbing the surge, and indicating that the product has been compromised.

Part # 1RPCSP   30A
Part # 1RPC50SP   50A

45

12/24V 4.8A Dual USB Chargers

Offer 4.8 total amps of charging power for modern devices, with 2.4A available at each USB receptacle. The increased amperage is used by devices such as tablets and laptops as well as many newer phones. Three configurations are available, including a circular mount and two Contura mount options.

Part # 12VDUSB48
Part # 12VCDUSB48   Contura
Part # 12VCDUSB48A   Contura with volt/amp meter

80

Hybrid Wiper Blades

Use a multi-material construction for maximum flexibility and durability. They conform to all windshield shapes and reduce wind lift while the boat is underway. Three unique components work together to create a high-quality blade that has been performance tested to 500,000 cycles.

Part #	32012B	12 inch	OEM #	32112B	12 inch
Part #	32014B	14 inch	OEM #	32114B	14 inch
Part #	32016B	16 inch	OEM #	32116B	16 inch
Part #	32018B	18 inch	OEM #	32118B	18 inch
Part #	32020B	20 inch	OEM #	32120B	20 inch
Part #	32022B	22 inch	OEM #	32122B	22 inch
Part #	32024B	24 inch	OEM #	32124B	24 inch

UPDATED Product

28

Right Angle Adapters

New ergonomic 90 degree (right angle) female connector.

New design coming in 2021.

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SHORE POWER

Inlets

12

Marinco® power inlets are the industry standard. Offered in three styles, featuring robust construction and corrosion-resistant materials for long life in the harsh marine environment. All inlets have an IP56 rating.

Cordsets

18

All Marinco® cordsets are made of the highest quality, marine grade construction with features you won't find on other power cords.

15A Marine Grade Locking Extension Cords

20

15A extension cords contain a universal slide locking mechanism to prevent cable disconnection. Available in 25' and 50' lengths.

Cordset Accessories

21

Marinco offers everything you need to manage your shore power equipment.

Adapters

22

Marinco® Shore Power Adapters give you more power hook-up flexibility and resolve a variety of dock side power center / boat side inlet power incompatibility problems.

NEW

Devices & Accessories

29

Everything you need to maintain and repair your shore power equipment.

International Shore Power

35

Marinco offers inlets, connectors and cordsets for 16A, 32A and 63A Shore Power systems.

100 Amp Shore Power

38

Marinco 100A cordsets are for use with or without on-board isolation transformers, as male plug only power supply, and extension cord applications. Constructed with watertight and corrosion resistant plugs and connectors, and oil, water, and UV resistant cable, rated to 221°F (105°C).

Marinco® power inlets and cords have been the industry standard and are designed and built to withstand the rigors of the marine environment.

Marinco® Dock Side to Boat Side Selection Guide

	DOCK SIDE			
	Marine Receptacles (pg 29–33) Corrosion resistant reinforced nylon construction.	**Weatherproof Covers** (pg 34) Yellow LEXAN® polycarbonate with lift lid, for use with Marinco® receptacles.	**Male Plugs** (pg 29–33) Superior strain-relief system. Dust seal keeps contaminants out of terminals.	**Weatherproof Covers** (pg 29–33) Heavy-duty vinyl construction, use with male plugs for superior seal.
30A 125V 2-Pole 3-Wire Locking	305CRR	7420CR	305CRPN	102N
50A 125V 2-Pole 3-Wire Locking	6370CR	7788CR	6361CRN	7717N
50A 125/250V 2-Pole 4-Wire Locking	6369CR	7788CR	6365CRN	7717N
Cable TV/ Internet		TV97		

Marinco® Color Coding System

15A 125V	20A 125V	30A 125V	50A 125V	50A 125/250V	Cable TV Internet

BOAT SIDE

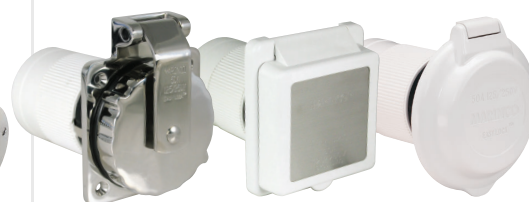| Shore Power Cord Sets	Weatherproof Covers	Female Connectors	Power Inlets
(pg 18–19)	(pg 29–33)	(pg 29–33)	(pg 13–15, 20)
Marine grade cable, watertight molded plug and connector, line-up ridge for easy blade alignment.	Heavy-duty vinyl construction, use with female connector for superior seal.	Ribbed nylon construction, color coded terminal pockets and screws.	Styled to complement any boat, Marinco® power inlets are simple to install and feature a protective rear safety enclosure that provides safe, reliable strain relief. IP56 rated (see inside back cover).

CS30-50	103ELN	305CRCN	
CS503-50	7715CRN	6360CRN	
CS504-50	7715CRN	6364CRN	
TVHD		PH6629	

LEXAN® is a registered trademark of Sabic Innovative Plastics IP B.V., Netherlands

Inlets

Marinco® power inlets are the industry standard. Offered in three styles, they all feature robust construction and corrosion-resistant materials for long life in the harsh marine environment. Each has technical features that make them easy to install and a pleasure to use for the marine professional or the casual recreational boater.
All inlets have an IP56 rating (see inside back cover).

Stainless Steel

Marinco stainless steel inlets are solid cast marine grade 316 stainless steel and include a heavy duty cap strap for strength and durability.
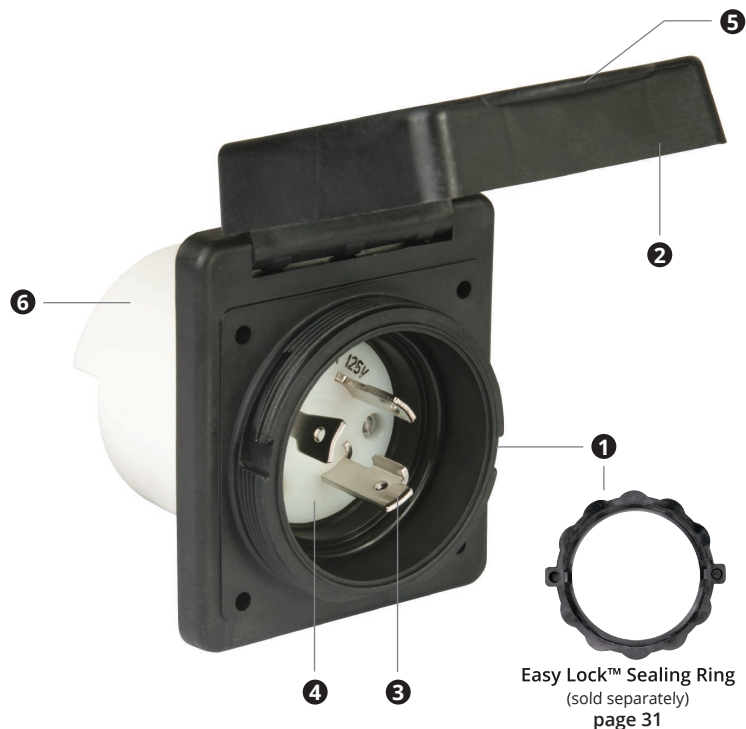
Contoured

Marinco contoured inlets feature UV stabilized glass-filled polyester construction for long-lasting strength.
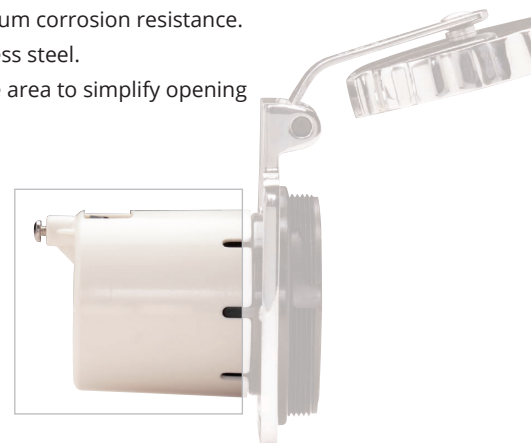
Standard

Marinco standard inlets feature UV stabilized glass-filled polyester construction for long-lasting strength.

Easy Lock™ Sealing Ring
(sold separately)
page 31

❶ Easy Lock™—Marinco's exclusive Easy Lock System has been designed to connect the cordset (with an Easy Lock sealing ring installed) to the inlet and turn the locking ring less than a quarter turn. The tabs on the locking ring lock into the inlet for a positive watertight hook-up while eliminating any chance of cross threading. Easy Lock inlets have a threaded boss that will accept standard threaded cordsets as well.

❷ The covers on all Marinco inlets are designed to stay hinged open when the cover is lifted up. This allows the boater to connect their shore power cord while the cover remains open and out of the way. A soft touch unlocks it for closing.

❸ Blades are nickel plated brass for maximum corrosion resistance.

❹ Interior hardware is marine grade stainless steel.

❺ IMPROVED Extra large tab provides more area to simplify opening and closing.

❻ **Rear Enclosure**
  • Made of flame-resistant UL 94V0 plastic.
  • All rear enclosures are glass-filled polyester for strength.
  • Integral strain relief complies with ABYC requirements.
  • Multiple positions allow for maximum installation flexibility.

30A 125V — 30 Amp 125V Inlets

IP56
See inside back cover

NEMA L5-30P

30A 125V Locking

Meets or Exceeds **ABYC** Standards

CSA

MARINE UL LISTED

Stainless Steel Power Inlet

• Cast 316 stainless steel

Part #   303SSEL-B
OEM #   303SSEL-B.OEM

Contour Power Inlet

• Stainless steel trim

Part #   304EL-B
OEM #   304EL-B.OEM

Contour Power Inlet
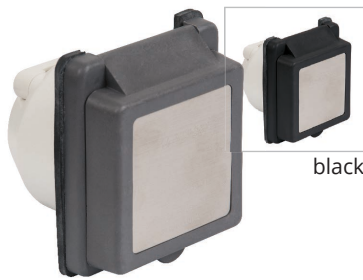
• Without stainless steel trim

OEM #   304EL-B.NT   white
OEM #   199136   black

Power Inlet

• Stainless steel trim

Part #   301EL-B   white
OEM #   301EL-B.OEM   white
Part #   301ELCB   replacement cap & bezel

black

Power Inlet

• Stainless steel trim

Part #   301EL-B.GRAY   gray
Part #   301EL-B.BLACK   black

Power Inlet

• ABYC shore power warning label on cap

Part #   301EL-B.W/L

Power Inlet

• Stainless steel trim
• Hole in rear enclosure accommodates snap-in strain relief (not included)

Part #   301EL-B.FR

Breaker Inlet

• Includes cap & bezel and breaker plate
• Breaker not included

Part #   3050BI

Stainless Steel Power Outlet

• Female 30A 125V configuration
• NEMA configuration L5-30R

Part #   303SSO

50A
125V

50 Amp 125V Inlets

IP56
See inside back cover

NEMA
SS1-50P

W 50A
125V
G Locking

Meets or Exceeds
ABYC
Standards

CSA

MARINE
UL LISTED

Stainless Steel Power Inlet

• Cast 316 stainless steel

Part #   **6371EL-B**
OEM #   **6371EL-B.OEM**

Stainless Steel Power Inlet

• Cast 316 stainless steel
• Without rear safety enclosure

Part #   **6371EL**

Power Inlet

• Stainless steel trim
• Without rear safety enclosure

Part #   **6351EL**

Power Inlet

• Without stainless steel trim
• ABYC shore power warning label on cap

Part #   **6351EL-B**

Contour Power Inlet

• Stainless steel trim

Part #   **6343EL-B**

TECH TIP

50A Devices Explained

There are two categories of 50A devices: 50A 125V (50A 3-wire) and 50A 125/250V (50A 4-wire). The 4-wire devices have two "hot" legs, each carrying 50A 125V. These two categories are not interchangeable. A 3-wire plug must never be altered to insert into a 4-wire connector or receptacle.

50A 125/250V

50 Amp 125/250V Inlets

IP56
See inside back cover

NEMA SS2-50P

50A 125/250V Locking

Meets or Exceeds **ABYC** Standards

Stainless Steel Power Inlet
• Cast 316 stainless steel

Part #   6373EL-B
OEM #   6373EL-B.OEM
Part #   6373EL-B.W/L   w/separate warning label

Stainless Steel Power Inlet
• Cast 316 stainless steel
• Without rear safety enclosure

Part #   6373EL
OEM #   6373EL.OEM

Contour Chrome Power Inlet
• Chrome finish cover

OEM #   6344EL-BCR.OEM

Contour Power Inlet
• Without stainless steel trim

Part #   6344EL-B.NT

Power Inlet
• Stainless steel trim

Part #   6353EL-B
OEM #   6353EL-B.OEM
Part #   6353ELCB   replacement cap & bezel

Power Inlet
• Stainless steel trim
• Black

OEM #   6353EL-B.BLACK.OEM

Power Inlet
• Stainless steel trim
• Gray

Part #   6353EL-B.GRAY

Power Inlet
• Stainless steel trim
• Without rear safety enclosure

Part #   6353EL

ELCI Inlets

Marinco®'s solution to the ABYC E-11 requirement is based on our industry-standard marine inlets. We have taken the best available technology and built it into our inlets to provide boat builders and owners with the safest, best looking and most durable solution possible. All of our ELCI Inlets are ignition protected to comply with ABYC standards.

We provide two modules in addition to the standard inlet. One houses the ELCI Marine Sensing Module, the other the breaker. Unlike competing systems, our ELCI Marine sensing module has a 3/4" diameter coil that accepts up to three 6-gauge conductors. This sensing module, which also incorporates a test circuit, is compatible with 30A 125V, 50A 125V and 50A 125/250V systems. There is a different breaker for 30A and 50A systems.

TECH TIP

ELCI ABYC Standards

Electrical current leakage is a serious safety concern for any boat connected to shore power. Because of this ABYC requirements now include specific measures for avoiding this danger. ABYC E-11.11.1 states "An Equipment Leakage Circuit Interrupter (ELCI) shall be installed with or in addition to the main shore power disconnect circuit breaker(s) or at the additional overcurrent protection as required by E-11.10.2.8.3 whichever is closer to the shore power connection."

Single Phase 120V AC 30A (Hot, Neutral, Ground)
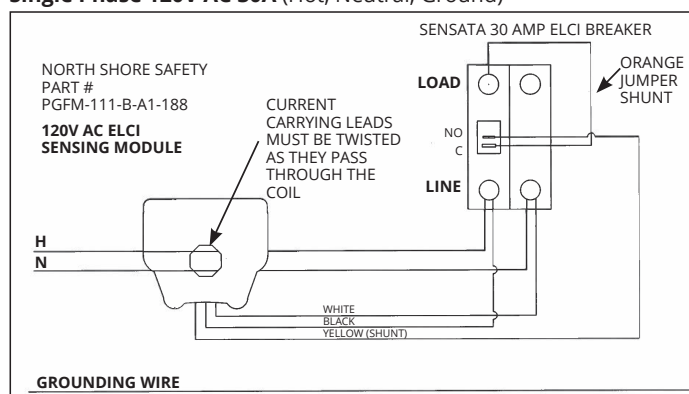
Split Phase 120/240V AC 50A (Line 1, Line 2, Neutral, Ground)
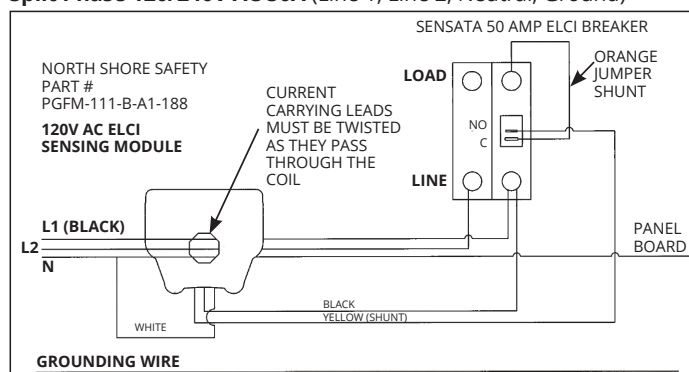
Standard Sensing Breaker & Module Kits

• Module & breaker packaged together

30A	120V AC Single Phase	OEM #	**301RCDKITIGN.OEM**
50A	120/240V AC Split Phase	OEM #	**6353RCDKITIGN.OEM**

Stainless Steel Housing for Sensing Modules

• Cast 316 stainless steel

OEM #   **303SSRCDPL.OEM**

Stainless Steel Housing for 30A or 50A Sensing Breakers

• Cast 316 stainless steel

OEM #   **303SSBKRPL.OEM**

Standard Housing for Sensing Modules

OEM #   **301RCDPL.OEM**

Standard Housing for 30A or 50A Sensing Breakers

OEM #   **301BKRPL.OEM**

Cable TV Internet

Cable TV / Internet

Stainless Steel Phone & Cable TV Inlet
• Cast 316 stainless steel

Part #   PH6592TV-SS
OEM #   PH6592TV-SS.OEM

Phone & Cable TV Inlet
• Stainless steel trim

Part #   PH6574TV
Part #   PH6574TV.W/L   w/ warning label

Stainless Steel Cable TV / Internet Inlet
• Cast 316 stainless steel

Part #   TV6592
OEM #   TV6592.OEM

Cable TV / Internet Inlet
Part #   TV6574

Contour Cable TV / Internet Inlet
Part #   TV6444

Female Phone Plug
• MARINEGUARD II Cover

Part #   PH6629

Telephone Adapter
• Use to hook up telephone to cordset PH6599. No inlet installation required.

Part #   PH6600

Telephone Adapter
• Use to hook up a locking type inlet to a modular telephone connection

Part #   PH6601

EEL Shore Power Cordsets

One Hand. A Simple Twist. Full Power.

The EEL (Easily Engaged Lock) Shore Power Cordset has a patented, industry first, jaw-clamp design providing one-handed operation and a secure waterproof seal which completely eliminates the need for a locking ring. The EEL connection is built for the harshest environments and is UL approved. This easy-to-use cordset features a built-in cord light which serves as an alert to boaters when the cord is left plugged in. And, best of all, it works with your current inlet. In addition to cordsets with the EEL System, Marinco® also has a full set of Pigtail and Y adapters all using the new EEL technology.

Patented EEL Technology:

- Designed for use with standard inlets (NEMA)
- Single-handed operation
- No sealing ring required
- Patented jaw-clamp technology provides a watertight seal every time

Features & Benefits:

- Built-in cord light for added safety – alert light indicates if you are plugged into the dock and cord is powered
- Power indicator light on both ends informs you full power is flowing through the cord
- Meets and exceeds rigorous UL testing standards
- 30A and 50A cordset models, 12', 25' and 50' lengths in white and yellow available
- EEL product line includes connectors, pigtail, straight and "Y" adapters

5 YEAR WARRANTY

Length	Color	Part #
30A 125V Cordsets		
12'	yellow	CS30-12
25'	yellow	CS30-25
50'	yellow	CS30-50
50'	white	CS30-50W
50A 125V Cordsets		
25'	yellow	CS503-25
50'	yellow	CS503-50
50A 125/250V Cordsets		
25'	yellow	CS504-25
50'	yellow	CS504-50
50'	white	CS504-50W

NEMA L5-30R
W
G
30A 125V Locking

NEMA SS1-50R
W
G
50A 125V Locking

NEMA SS2-50R
X Y
W G
50A 125/250V Locking

Amp	Volts	Plug	Connector
30A	125V AC	L5-30P	L5-30R
50A	125V AC	SS1-50P	SS1-50R
50A	125/250V AC	SS2-50P	SS2-50R

CS30-50

CS504-50W

TECH TIP

Blade Function Letter Codes

G	Ground	**X**	Phase 1 Hot
W	Neutral	**Y**	Phase 2 Hot

Power Cord Plus® Cordsets

All Marinco® cordsets are made of the highest quality, marine grade construction with features you won't find on other power cords.

❶ Watertight molded plug and connector for safety and durability

❷ Heavy-duty, super flexible marine grade cable (30A 10-gauge, 50A 6-gauge)

❸ All models include a standard threaded ring for hook-up to ordinary threaded inlets

❹ Corrosion resistant, nickel plated contacts

❺ Power Indicator Light: Boat side connector features a molded-in LED light. When it glows red, you know you have power to the boat.

❻ Contour Grip with Thumbprint Locator: Both plug and connector ends are molded to fit the contour of your hand. When the thumbprint is in the 12 o'clock position, the blades line up for easy connection.

❼ Marinco's Easy Lock™ system: Quickly locks the cord set to the inlet in just 1/8 of a turn. The exclusive locking tabs engage slots built into all Marinco inlets (sold separately).

Easy Lock™ system

Easy Lock™ tab slots

Exclusive locking tabs

UV RESISTANT — MORE FLEXIBLE — LIGHTER — 5 YEAR WARRANTY — CSA® — UL LISTED (MARINE)

199119

199117G

Length	Color	Pkg	Part #	OEM #
30A Power Cord Plus® Cordsets				
12'	yellow	sleeve pack	**199116**	—
25'	yellow	sleeve pack	**199117**	—
25'	white	sleeve pack	**25SPPW**	—
25'	gray	sleeve pack	**199117G**	—
35'	yellow	sleeve pack	**35SPP**	—
50'	yellow	sleeve pack	**199119**	**50SPP.OEM**
50'	white	sleeve pack	**199120**	**50SPPW.OEM**
50'	gray	sleeve pack	**199119G**	—
75'	yellow	box	—	**75SPP.OEM**
50A 125V Power Cord Plus® Cordsets (3-Wire)				
25'	yellow	box	**6153SPP-25**	—
50'	yellow	box	**6153SPP**	—
50'	white	box	**6153SPPW**	—
75'	yellow	box	**6153SPP-75**	—
50A 125/250V PowerCord Plus® Cordsets (4-Wire)				
12'	yellow	box	**6152SPP-12SC**	—
25'	yellow	box	**6152SPP-25**	—
25'	white	box	**6152SPPW-25**	—
25'	gray	box	**6152SPPG-25**	—
40'	yellow	box	**6152SPP-40**	—
50'	yellow	box	**6152SPP**	—
50'	white	box	**6152SPPW**	—
50'	gray	box	**6152SPPG**	—
75'	yellow	box	**6152SPP-75**	—
50A Plug End Only Cordsets				
55'	white	box	**6152SPPW-55.P/O**	—
75'	white	box	**6152SPPW-75.P/O**	—

NEMA L5-30R — 30A 125V Locking

NEMA SS1-50R — 50A 125V Locking

NEMA SS2-50R — 50A 125/250V Locking

15A Marine Grade Extension Cords

- Marine grade SJTOW cable
- Clear ends with lighted female end for visual power indication on 14/3 models
- Female end contains slide button lock for protection against cable disconnection*
- Slide button lock compatible with all other manufacturers' products*
- ETL certified to UL standards

Cable	Length	Description	Part #
14/3	25'	Locking and Lighted	**150025**
	50'	Locking and Lighted	**150050**
	25'	Lighted	**150025NL**
	50'	Lighted	**150050NL**
12/3	25'	Heavy-duty	**151225**
	50'	Heavy-duty	**151250**

*150025 and 150050 models only
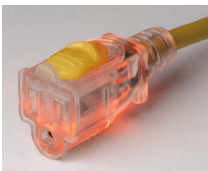
LEARN MORE
Extension Cords
Video

Visit Marinco on
YouTube.com
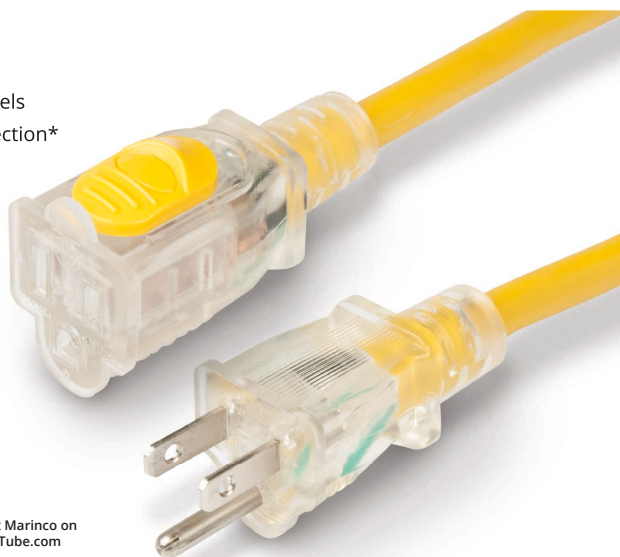
Cable TV Internet

Cable TV/Internet

HDTV / Internet Cable
- 50' yellow cable
- 75 ohm, 3G Hz RG6 Quad Shield cable with gasket sealed
- Weatherproof F-type connections on both ends

Part # **TVHD**

Combo TV/Phone Cordset
- Both cables are jacketed together
- Telephone and TV connections are molded on each end
- Features 18" of spliced cable at dock side for connections which are in separate power centers

Part # **PHTV6599** 50'

Telephone Cordset
- 3 conductor 16 AWG SJTO vinyl cord provides portable telephone connection for RV's and pleasure boats

Part # **PH6599** 50'
.

TV Cable Cordset
- Standard 75 ohm, RG59-U with quick, slip-on connections and heavy duty boots included on both ends

Part # **TV99-25** 25' yellow
Part # **TV99W** 50' white

Cable TV Outlet
- Spring-loaded lift cover
- Weatherproof closure
- Fits FS & FD boxes

Part # **TV97**
OEM # **TV97.OEM**

Telephone & Cable TV Outlet
- Spring-loaded lift cover
- Fits FS & FD boxes

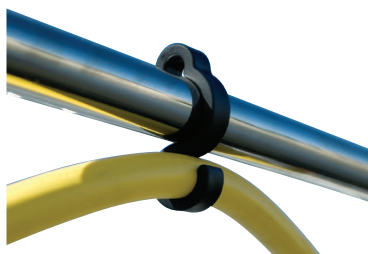**PART #** **PH6597TV**
OEM # **PH6597TV.OEM**

Cordset Accessories

Cord Clips

- Includes six cord clips with stainless steel mounting screws
- Keeps shore power cable out of the water
- Holds 10-gauge 30A cable
- Easy to install
- Use on deck or edge of dock
- Organize shore power cable

Part #   CLIP

Railmount Cord Clips

- For 30A cords
- Organize shore power cords quickly and easily
- Can be used on tube or wire rails
- Packaged as set of 6 clips
- UV stable
- Practically unbreakable

Part #   CLIP-01   black

Organizer Bag

- Heavy-duty nylon zippered bag with handle
- Ideal for storing cordsets and adapters
- Dimensions 20" x 15" x 8"

Part #   BAG

Cord Cover

- Keep shore power cables neat and bundled
- Holds 50A or 30A cordsets, can hold multiple cables
- UV resistant, machine washable marine grade fabric
- 24'

Part #   CCVR-24   black

Carrying Strap

Bundle and organize your shore power cables or hoses with this durable and flexible nylon carrying strap. Its adjustable design fits around cordsets or hoses up to 9" in diameter while, the ergonomic, rubber handle makes carrying even larger 50A cord sets easy on your hand. A metal, reinforced grommet allows for hanging and storage.

Part #   STRAP

Adapters

The Marinco® Shore Power Adapters give you more power hook-up flexibility and resolve a variety of dock side power center / boat side inlet power incompatibility problems.

TECH TIP

Choosing the Correct Adapter

Step 1: Boat Side – Identify Your Boat's Inlet Electrical System

The voltage and amperage should be printed on the outside cover of your existing boat inlet(s)

The voltage and amperage should be printed inside the boat Inlet(s) next to the blades

30A 125V

Check the blade orientation of the various inlets pictured and compare to your boat inlet(s)

Pay special attention to the differences in the 50A 125V and the 50A 125/250V. The blades look similar, but they are different The plugs and receptacles for these systems are NOT interchangeable!!

50A 125V

50A 125/250V

Notice the additional grounding blade on the 50A 125/250V inlets.

IMPORTANT 50 AMP INFORMATION: If you are connecting to 50A dock side power service, it is CRITICAL to know the dock side receptacle's voltage rating (50A 125V or 50A 125/250V). An adapter designed for 50A 125V will not plug into a dock side receptacle rated for 50A 125/250V service, and vice versa.

Step 2: Identify the Dock Side Power Source

NEMA L5-20R 20A 125V Locking

NEMA L5-30R 30A 125V Locking

NEMA L5-15R 15A 125V Straight Blade

NEMA SS1-50R 50A 125V Locking

NEMA SS2-50R 50A 125/250V Locking

Step 3: Choose a Marinco Adapter From page 23–28

Match your boat side inlet(s) to the appropriate dock side receptacle or other power source. Adapter ends are color coded for easier selection.

Types of Adapters

Straight Adapters are high-quality, one-piece adapters similar in usage to Pigtail Adapters. However, they do not have sealing collars and are not recommended for use in wet locations. Use only in an enclosed, dry location, such as powering your boat from a 15A power receptacle inside your house.
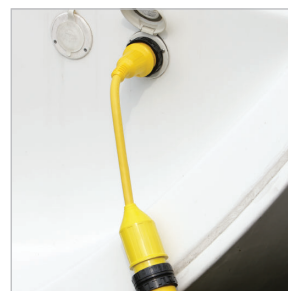
Pigtail Adapters* allow you to connect from one dock side receptacle (or other power source receptacle) to one boat side inlet or equipment of dissimilar power configuration. These adapters are fully molded and equipped with Marinco's unique sealing collar (where indicated) and covers for use in wet locations.

"Y" Adapters* let you split one dock side receptacle between two boat inlets of similar or dissimilar power configurations. "Y" adapters are fully molded and equipped with Marinco's unique sealing collar and covers (where indicated) for use in wet locations.

The Reverse "Y" Adapter (Part # RY504-2-30) The reverse "Y" provides 50A 125/250V power when only two 30A 125V receptacles are available.

*Available with standard locking rings or with the new EEL quick locking system

Straight Adapters

Not recommended for use in wet locations.
Includes power LED.

Part #		DOCK SIDE	BOAT SIDE
		MALE PLUG Attaches to dock side receptacle or cordset	**FEMALE CONNECTOR** Attaches to boat inlet or cordset
S20-15 Replaces the 80A.		20A 125V Locking	15 or 20A 125V Straight Blade
S30-15 Replaces the 81A.		30A 125V Locking	15 or 20A 125V Straight Blade
S15-30 Replaces the 83A.		15A 125V Straight Blade	30A 125V Locking
S20-30 Replaces the 84A.		20A 125V Locking	30A 125V Locking
S15-504		15A 125V Straight Blade	50A 125/250V Locking w/ Sealing 3Collar System

EEL Pigtail Adapters

These adapters are equipped with sealing collars and are for use in wet locations.

EEL SHOREPOWER BY MARINCO®

DOCK SIDE	BOAT SIDE

MALE PLUG
Attaches to dockside receptacle or cordset

FEMALE CONNECTOR
Attaches to boat inlet or cordset

Part #		Male Plug	Female Connector
P15-30		15A 125V Straight-Blade w/ Locking Screw	30A 125V Locking w/ Sealing Collar System
P15-30-25 25'			
P15-30-25W 25', white			
P30-15		30A 125V Locking	15A 125V Straight Blade
P30-503		30A 125V Locking	50A 125V Locking w/ Sealing Collar System
P30-504		30A 125V Locking	50A 125/250V Locking w/ Sealing Collar System
P503-30		50A 125V Locking	30A 125V Locking w/ Sealing Collar System
P504-30		50A 125/250V Locking	30A 125V Locking w/ Sealing Collar System
P504-503		50A 125/250V Locking	50A 125V Locking w/ Sealing Collar System

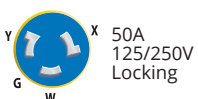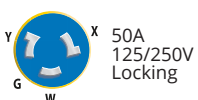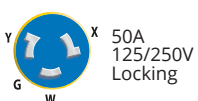## Related Products

**Sealing Rings
page 29–31**

Pigtail Adapters

These adapters are equipped with covers and sealing collars (where indicated), and are for use in wet locations.

	DOCK SIDE	BOAT SIDE
	MALE PLUG Attaches to dockside receptacle or cordset	**FEMALE CONNECTOR** Attaches to boat inlet or cordset
104SPP / **104SPPG** gray / **104SPP.OEM** / **104SPP-25.OEM** 25' / **104SPP-50.OEM** 50'	15A 125V Straight-Blade w/ Locking Screw	30A 125V Locking w/ Sealing Collar System
115A	15A 125V Straight-Blade w/ Locking Screw	50A 125V Locking w/ Sealing Collar System
150SPP	15A 125V Straight-Blade w/ Locking Screw	50A 125/250V Locking w/ Sealing Collar System
106A	20A 125V Locking	30A 125V Locking w/ Sealing Collar System
105SPP / **105SPPG** gray	30A 125V Locking	15A 125V Straight Blade
111A	30A 125V Locking	50A 125V Locking w/ Sealing Collar System
117A	30A 125V Locking	50A 125/250V Locking w/ Sealing Collar System
110A	50A 125V Locking	30A 125V Locking w/ Sealing Collar System
118A	50A 125V Locking	50A 125/250V Locking w/ Sealing Collar System
121A	50A 125/250V Locking	30A 125V Locking w/ Sealing Collar System
123A	50A 125/250V Locking	50A 125V Locking w/ Sealing Collar System

LED Power-on indicator and thumbgrip locator

EEL "Y" Adapters

These adapters are equipped with sealing collars and are for use in wet locations.

EEL SHOREPOWER BY MARINCO®

	DOCK SIDE	BOAT SIDE
	MALE PLUG Attaches to dock side receptacle or cordset	**FEMALE CONNECTOR** Attaches to boat inlet or cordset

Part #		
Y30-2-30 ⓒ	30A 125V Locking	(2) 30A 125V Locking w/ Sealing Collar System
Y503-2-30	50A 125V Locking	(2) 30A 125V Locking w/ Sealing Collar System
Y504-2-30	50A 125/250V Locking	(2) 30A 125V Locking w/ Sealing Collar System
Y504-2-503 ⓒ	50A 125/250V Locking	(2) 50A 125V Locking w/ Sealing Collar System
Y504-2-504 ⓒ	50A 125/250V Locking	(2) 50A 125/250V Locking w/ Sealing Collar System

"Y" Adapters

These adapters are equipped with covers and sealing collars (where indicated), and are for use in wet locations.

	DOCK SIDE	BOAT SIDE
	MALE PLUG Attaches to dock side receptacle or cordset	**FEMALE CONNECTOR** Attaches to boat inlet or cordset

Part #		
157AY ⓒ	30A 125V Locking	(2) 30A 125V Locking w/ Sealing Collar System
152AY	50A 125V Locking	(2) 30A 125V Locking w/ Sealing Collar System
162AY ⓒ	50A 125V Locking	(2) 50A 125V Locking w/ Sealing Collar System
153AY	50A 125/250V Locking	(2) 30A 125V Locking w/ Sealing Collar System
154AY ⓒ	50A 125/250V Locking	(2) 50A 125V Locking w/ Sealing Collar System
165AY ⓒ	50A 125/250V Locking	(2) 50A 125/250V Locking w/ Sealing Collar System

Reverse "Y" Adapter

The Reverse "Y" Adapter has two (2) male plugs with special power isolation circuitry for added safety. When one (1) plug is connected to a receptacle, the circuitry isolates the second plug. The reverse "Y" provides 50A 125/250V power when only two (2) 30A 125V receptacles are available.

Note: Reverse "Y" will NOT work with 50A, 125V, 3-wire inlets. Power is provided in both circuits to the 4-wire inlet, but the dock side receptacles limit the current in each circuit to 30A. The two (2) 30A 125V receptacles must be supplied from a single power source providing 208V to 250V between them for proper operation.

DOCK SIDE
MALE PLUG
Attaches to dock side receptacle or cordset

W W
G G (2) 30A 125V Locking

BOAT SIDE
FEMALE CONNECTOR
Attaches to boat inlet or cordset

X Y
W G
50A 125/250V w/ Sealing Collar System

Part #
RY504-2-30

Marine Surge & Safety Pigtails NEW

Detect faulty pedestal wiring conditions before they damage your equipment.

Faulty and unsafe shorepower can damage your sensitive electronics. These new pigtail adapters not only detect defective wiring at the pedestal, but also protect against electrical surges. Integrated LEDs provide visual indication of several unsafe conditions such as open ground, open neutral, and reverse polarity. Built-in surge protection with indicator that alerts that the adapter has been compromised.

- Ergonomic 90 degree (right angle) dockside plug
- Boat side connectors feature locking sealing collar system
- Bright 3-color LED electrical status indicators
- Surge failure indicator
- Surge protection ratings:
  30A: 825 joules
  50A: 1650 joules

DOCK SIDE
MALE PLUG
Attaches to dock side receptacle or cordset

BOAT SIDE
**FEMALE CONNECTOR**
Attaches to boat inlet or cordset

Part #
1RPCSP
(30A)

W
G
30A 125V Locking

W
G
30A 125V Locking w/ Sealing Collar System

1RPC50SP
(50A)

Y X
G
W
50A 125/250V Locking

X Y
W G
50A 125/250V Locking w/ Sealing Collar System

Related Products

Sealing Rings
page 29–31

Right Angle Adapters UPDATED

	DOCK SIDE	BOAT SIDE
	MALE PLUG Attaches to dock side receptacle or cordset	**FEMALE CONNECTOR** Attaches to boat inlet or cordset

Part #		
1RPC (30A)	30A 125V Locking	30A 125V Locking w/ Sealing Collar System
1RPC50 (50A)	50A 125/250V Locking	50A 125/250V Locking w/ Sealing Collar System
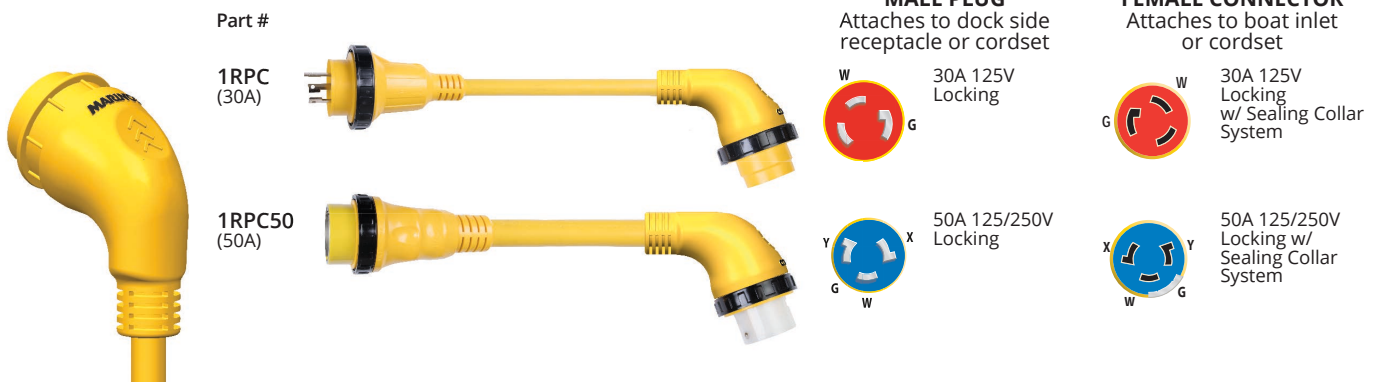
Dock Side 30A to 15A Adapter with GFCI

	DOCK SIDE	BOAT SIDE
	MALE PLUG Attaches to dock side receptacle or cordset	**FEMALE CONNECTOR** Attaches to boat inlet or cordset

Part #
199128

DOCK SIDE: 30A 125V Locking

BOAT SIDE: (3) 15A 125V Straight Blade
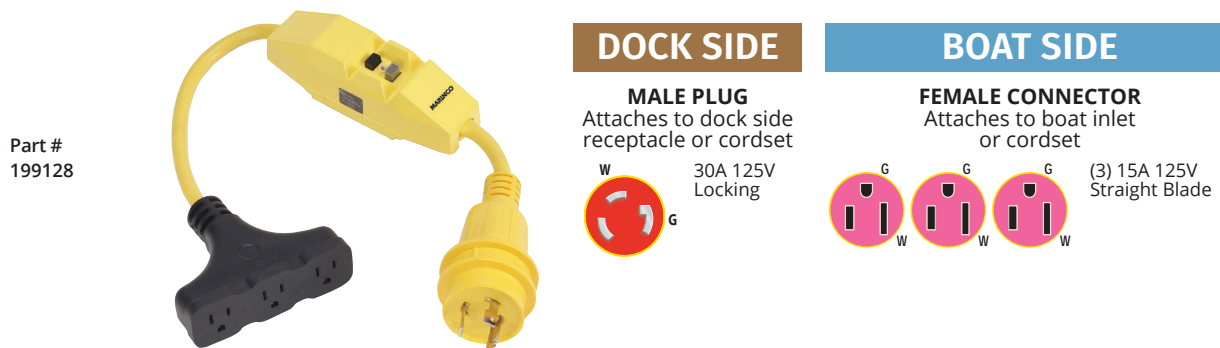
- Provides safer hook-up to 30A dock side power
- Provides protection against harmful electric shock
- Reduces the possibility of fire
- Offers protection for up to three (3) attached tools
- Corrosion resistant and rain-proof rated for outdoor use
- GFI trip level of 4–6 mA
- Can also be used for other outdoor, harsh environments such as construction sites or wherever ground fault protection is desired

Note: A Ground Fault Circuit Interrupter (GFCI) limits the duration of an electrical shock to a period considered safe for healthy people. It does not prevent electric shock. This device does not protect against electric shock due to contact with both circuit conductors or a fault in any wiring supplying this device.

TECH TIP

GFCI Protection

According to ABYC standard E-11.11. A Ground Fault Circuit Interupter (GFCI) may be used on single phase AC circuits to provide additional protection for personnel and equipment.

30A 125V Devices & Accessories

30A
125V

Male Plug

Part #   305CRPN
OEM #   305CRPN.OEM

Female Connector

Part #   305CRCN
OEM #   305CRCN.OEM

Male Plug & Cover

• Weather resistant cover

Part #   305CRPN.VPK

Female Connector w/ Cover

• Weather resistant cover

Part #   305CRCN.VPK

Locking Receptacle

• Corrosion resistant
• Reinforced nylon construction
• Yellow

Part #   305CRR

Locking Receptacle

• Corrosion resistant
• Reinforced nylon construction
• Black

Part #   305CRRB
OEM #   305CRRB.OEM

Weatherproof Cover w/ Threaded Sealing Ring

• Use with 305CRCN or 205CRCN

Part #   103RN
OEM #   103RN.OEM

Weatherproof Cover w/ Easy Lock™ Sealing Ring

• Use with 305CRCN or 205CRCN

Part #   103ELN

Weatherproof Cover

• Use with 305CRPN or 205CRPN

Part #   102N

Easy Lock™ Sealing Ring

• Use with 30A Marinco® Inlets

Part #   100EL

Threaded Sealing Ring

• Use with 30A systems

Part #   100R

Sealing Collar w/ Threaded Ring

• Provides maximum moisture protection between cordset & adapter
• Use with 20A & 30A locking systems

Part #   110R

50A
125V

50A 125V Devices & Accessories

Male Plug
• 2-pole, 3-wire

Part #   **6361CRN**

Female Connector
• 2-pole, 3-wire

Part #   **6360CRN**
OEM #   **6360CRN.OEM**

Wire Dock Side Receptacle
• 2-pole, 3-wire

Part #   **6370CR**

50A
125/250V

50A 125/250V Devices & Accessories

Male Plug
• 3-pole, 4-wire

Part #   **6365CRN**
OEM #   **6365CRN.OEM**

Female Connector
• 3-pole, 4-wire

Part #   **6364CRN**
OEM #   **6364CRN.OEM**

Wire Dock Side Receptacle
• 3-pole, 4-wire

Part #   **6369CR**
OEM #   **6369CR.OEM**

50A Accessories

Weatherproof Cover w/ Threaded Sealing Ring
• Use with 6360CRN or 6364CRN

Part #   **7715CRN**
OEM #   **7715CRN.OEM**

Weatherproof Cover w/ Easy Lock™ Sealing Ring
• Use with 6360CRN or 6364CRN

Part #   **7715ELN**
OEM #   **7715ELN.OEM**

Weatherproof Cover
• Use with 6361CRN or 6365CRN
• Can be used on both male & female ends

Part #   **7717N**   yellow
OEM #   **7717N.OEM**   yellow
Part #   **102182**   white

Easy Lock™ Sealing Ring
• Use with 50A Marinco® Inlets

Part #   **500EL**

Threaded Locking Sealing Ring
• Use with 50A systems

Part #   **500R**

Sealing Collar w/ Threaded Ring
• Provides maximum moisture protection between cordset & adapter
• Use with 50A only systems

Part #   **510R**

Universal Watertight Connector Cap
• For use on 16A or 32A products for CE compliance
• For use on 30A or 50A products to protect the connector when not in use

Part #   **199111PK**   16A/30A/32A/50A/63A

Watertight Connector Cap
• For use on 16A or 32A products for CE compliance
• For use on 30A or 50A products to protect the connector when not in use

Part #   **199109PK**   16A/30A
Part #   **199110PK**   32A/50A

15A125V Devices & Accessories

Male Plug
- Straight blade

Part # **5266CR**

Female Connector
- Straight blade

Part # **5269CR**

Male Plug
- Locking type

Part # **4721CR**

Female Connector
- Locking type

Part # **4731CR**

Duplex Locking Receptacle
- Yellow

Part # **4700CR**

Duplex Straight Receptacle

Part #	**5262CRR**	yellow
Part #	**5262CRR.GRY**	gray

Ground Fault Circuit Interrupter (GFCI)

CAUTION: Ground Fault Circuit Interrupter protection is required when using electrical products outdoors or near water. GFCI Protection is required by the ABYC where a receptacle is in a head, galley, machinery space or weather deck.

Part #	**1591-FI**	ivory
Part #	**1591-FI.WHITE**	white
OEM #	**1591-FI.GRY.OEM**	gray

20A 125V
20A 125V Devices & Accessories

Male Plug
• Straight blade

Part # 5366CR

Female Connector
• Straight blade

Part # 5369CR
OEM # 5369CR.OEM

Male Plug
• Locking type
• Uses weatherproof cover 102N

Part # 205CRPN

Female Connector
• Locking type
• Uses weatherproof cover 103RN

Part # 205CRCN

Locking Receptacle

Part # 205CRR

15 & 20 Amp Accessories

Weatherproof Cover
• Use with 5366CR or 5266CR plugs

Part # 6017

Weatherproof Cover
• Use with 5369CR or 5269CR connectors

Part # 6018

Weatherproof Cover
• Can be used on 15A & 20A

OEM # 1520BI.OEM

Boxes / Covers / Replacement Parts

FS Box
- Black non-metallic, with two 3/4" K.O. holes
- Accepts 15A, 20A & 30A receptacles, and 7420CR weatherproof covers

Part # **6080**
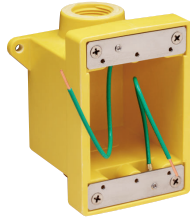
FD Box with 3/4" or 1" K.O. Holes
- Yellow fiberglass, with two K.O. holes
- Accepts 15A, 20A, 30A & 50A receptacles, and 7420CR & 7788CR covers

Part # **6083CR** 3/4" holes
Part # **6084CR** 1" holes

Weatherproof Cover
- Yellow LEXAN® polycarbonate with lift lid
- Fits 15A, 20A, & 30A single receptacles

Part # **7420CR**
OEM # **7420CR.OEM**

Weatherproof Cover
- Yellow LEXAN® polycarbonate with lift lid
- Fits 50A receptacles 6369CR & 6370CR

Part # **7788CR**
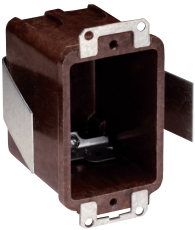
Plastic Switch/ Outlet Box
- 3-9/32" x 2-3/16" x 2-1/2" D
- Can be secured against the back of wall or wall facing
- Accepts 15A, 20A & 30A receptacles, telephone outlets and TV coax connectors

Part # **6079**

302 Stainless Steel Sealed Cover with Lift Lid
- Fits 4700CR, 5262CRR, & 5739CR duplex receptacles

Part # **7879CR**

302 Stainless Steel Sealed Cover with Lift Lid
- Fits GFCI duplex receptacles

Part # **7879CR-FI**
OEM # **7879CR-FI.OEM**

Replacement Interior
- Fits 50A 125/250V Easy Lock 4-wire stainless steel or standard inlets manufactured after 8-1-93

Part # **6373ELMB**

Replacement Interior
- Fits 303SSEL-B, 303SSI-B & 301EL-B boat inlets

Part # **305CRMB**

Replacement Interior
- Fits 30A standard non-metallic inlets manufactured prior to 1/1/91

Part # **301CRMB**

Replacement Boss Ring
- For use on 30A or 50A stainless steel inlets

Part # **102167** 30A
Part # **102164** 50A

Warning Labels
- For use on standard inlets
- For warning label placement use per ABYC standard 11.6.2.2.3

Part # **101739**

LEXAN® is a registered trademark of Sabic Innovative Plastics IP B.V., Netherlands

International Shore Power
16A 230V, 50Hz Locking
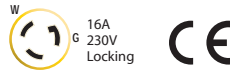
W G 16A 230V Locking

CE

Stainless Steel Inlet

- 316 stainless steel
- Easy Lock™ system
- Soft touch cap design
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

Part # 303SSEL-BXPK
OEM # 303SSEL-BX

Standard Inlet

- Easy Lock™ system
- Glass-filled polyester
- Watertight
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

Part # 301EL-BXPK
OEM # 301EL-BX

Contour Inlet

- Easy Lock™ system
- Glass-filled polyester
- Watertight
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

OEM # 304EL-BX.NT
OEM # 304EL-BX   stainless steel trim

Female Connector

- Corrosion resistant contacts and terminals
- Use with cover 103RNX and cap 199109

Part # 305CRCXNPK
OEM # 305CRCXN

Weatherproof Cover w/ Threaded Ring

- Use with 305CRCXN

Part # 103RNXPK
OEM # 103RNX

Connector Kit

- Includes female connector, weatherproof cover with threaded ring and watertight cap

Part # 199114

Locking Shore Power Cordset

- H07BQ-F 3G 2.50 mm² harmonized cable
- IEC 60309 plug 2P+E [6H], 250V/50Hz
- Watertight connector sealing cap for CE compliance
- NEMA L5-30 moulded connector with LED power indicator light

Part #		
Part #	25MSPPXP	25 meters
Part #	20MSPPXP	20 meters
Part #	15MSPPXP	15 meters
Part #	10MSPPXP	10 meters
Part #	1MSPPXP	1 meters

Harmonized Cable Cordset

- Blunt cut
- H07BQ-F 3G 2.50 mm² harmonized cable
- Watertight connector sealing cap for CE compliance
- NEMA L5-30 moulded connector with LED power indicator light

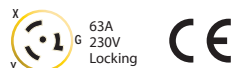| Part #		
Part #	25MSPPX	25 meters
Part #	20MSPPX	20 meters
Part #	15MSPPX	15 meters
Part #	10MSPPX	10 meters
Part #	1MSPPX	1 meters

12/3 Cable Cordset

- Blunt cut
- 12/3 (3.3 mm²) cable 16A/220V 50Hz
- Watertight connector sealing cap for CE compliance
- NEMA L5-30 moulded connector with LED power indicator light

Part #		
Part #	50SPPX	50'
Part #	25SPPX	25'

International Shore Power
32A 230V, 50Hz Locking

32A
230V
Locking

CE

Stainless Steel Inlet

- 316 stainless steel
- Easy Lock™ system
- Soft Touch cap design
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

Part #	**6371EL-BX**	
OEM #	**6371ELX**	no enclosure

Standard Inlet

- Easy Lock™ system
- Glass-filled polyester
- Watertight
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

OEM #   **6351EL-BX**

Contour Inlet

- Easy Lock™ system
- Glass-filled polyester
- Watertight
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

OEM #   **6343EL-BX**

Female Connector

- Corrosion resistant contacts and terminals
- Use with cover 7715CRN and sealing cap 199110

Part #   **6360CRNXPK**
OEM #   **6360CRNX**

Weatherproof Cover w/ Threaded Ring

- Use with 6360CRNX, 6401CRCX, 6401CRPX, 6402CRCX, or 6402CRPX

Part #   **7715CRNXPK**
OEM #   **7715CRNX**

Connector Kit

- Includes female connector, weatherproof cover with treaded ring and watertight cap

Part #   **199115**

Locking Shore Power Cordset

- H07BQ-F 3G 4 mm^2 harmonized cable
- IEC 60309 plug 2P+E [6H], 250V/50Hz
- Watertight connector sealing cap for CE compliance
- NEMA SS-1 moulded connector with LED power indicator light

Part #	**15M32AXP**	15 meters
Part #	**1M32AXP**	1 meter

Harmonized Cable Cordset

- Blunt cut
- H07BQ-F 3G 4 mm^2 harmonized cable
- Watertight connector sealing cap for CE compliance
- NEMA SS-1 moulded connector with LED power indicator light

Part #   **15M32AX**   15 meters

8/3 Cable Cordset

- Male end blunt cut
- 8/3 (8.6 mm^2) cable
- Moulded connector with LED power indicator light

Part #   **6153SPPX**   50'

International Shore Power
63A 230V, 50Hz Locking Single Phase, 3-Wire

63A 230V Locking

CE

Stainless Steel Inlet
- 316 stainless steel
- Easy Lock™ System
- Soft touch cap design
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

Part # 6401EL-BX

Female Connector
- Corrosion resistant contacts and terminals

Part # 6401CRCX

Male Connector
- Corrosion resistant contacts and terminals

Part # 6401CRPX

63A 230V, 50Hz Locking Three Phase, 4 Wire

63A 230V Locking

CE

Stainless Steel Inlet
- 316 Stainless steel
- Easy Lock™ system
- Soft touch cap design
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

Part # 6402EL-BX

Female Connector
- Corrosion resistant contacts and terminals

Part # 6402CRCX

Male Connector
- Corrosion resistant contacts and terminals

Part # 6402CRPX

Weatherproof Cover w/ Threaded Ring
- Use with 6360CRNX, 6401CRCX, 6401CRPX, 6402CRCX, or 6402CRPX

Part # 7715CRNXPK
OEM # 7715CRNX

100A 125/250V
3-Pole 4-Wire

Cordsets

All Marinco® cordsets are made of the highest quality, marine grade construction with features you won't find on other power cords.

- For use with 100A 125V/250V shore power systems
- High visibility, 2 AWG, flexible yellow STOW cable is oil, water, UV resistant, and rated to 221°F (105°C)
- Ergonomic non-slip TPE coated gripping surfaces
- IEC pin & sleeve plugs and connectors are designed for harsh environments, watertight, and corrosion resistant. Feature integrated locking rings.
- Internal frame terminals provide high clamping force for safe and secure contact
- Options for use with on-board isolation transformers, male plug only power supply, and extension purposes
- UL and ABYC approved components

Length	Neutral Wire	Female End	Application	Color	Part #
75'	no	yes	Isolation transformer cordset	yellow	**CS75IT4**
75'	yes	yes	Standard cordset	yellow	**CS754**
75'	yes	no, blunt cut	Cable winch	yellow	**CW754**
100'	no	yes	Isolation transformer cordset	yellow	**CS100IT4**
100'	no	no, blunt cut	Cable winch w/ isolation transformer	yellow	**CW100IT4**
100'	yes	yes	Standard cordset	yellow	**CS1004**
100'	yes	no, blunt cut	Cable winch	yellow	**CW1004**
125'	no	no, blunt cut	Cable winch w/ isolation transformer	yellow	**CW125IT4**
Extension Cord					
50'	yes	yes	Extension cable	yellow	**CS50EXT4***

*CS50EXT4 extension cord has connector body M4100C12 shown below.

UV RESISTANT

5 YEAR WARRANTY

Plug w/ Gasketed Locking Ring

- Mate with M4100R12 receptacle

Part #   M4100P12

Connector Body

- Mate with plug on extension cords or adapters. Note: It does not mate with shore power inlet.

Part #   M4100C12
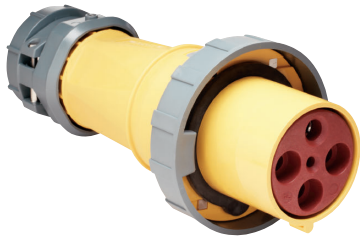
Connector Body w/ Gasketed Locking Ring

- Mate with M4100B12R inlet

Part #   M4100C12R

Dock Side Receptacle

- Spring loaded cover providing a IP67 watertight rating when tightened (see inside back cover)

Part #   M4100R12
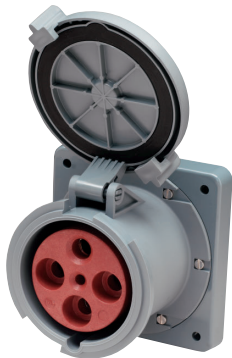
Shore Power Inlet

- Spring loaded cover providing a IP67 watertight rating when tightened (see inside back cover)

Part #   M4100B12R

100A 3ØY 120V/208V 4-Pole 5-Wire

Cordsets

All Marinco® cordsets are made of the highest quality, marine grade construction with features you won't find on other power cords.

- For use with 100A 120V/208V shore power systems
- High visibility, 2 AWG, flexible yellow STOW cable is oil, water, UV resistant, and rated to 221°F (105°C)
- Ergonomic non-slip TPE coated gripping surfaces
- IEC pin & sleeve plugs and connectors are designed for harsh environments, watertight, and corrosion resistant. Feature integrated locking rings.
- Internal frame terminals provide high clamping force for safe and secure contact
- Options for use with on-board isolation transformers and male plug only power supply purposes
- UL and ABYC approved components

Length	Neutral Wire	Female End	Application	Color	Part #
75'	No	yes	Isolation transformer cordset	yellow	CS75IT5
100'	No	yes	Isolation transformer cordset	yellow	CS100IT5
100'	No	no, blunt cut	Cable winch w/ isolation transformer	yellow	CW100IT5
125'	No	no, blunt cut	Cable winch w/ isolation transformer	yellow	CW125IT5

UV RESISTANT

5 YEAR WARRANTY

Plug w/ Gasketed Locking Ring

- Mate with M5100R9 receptacle

Part # M5100P9

Connector Body

- Mate with plug on extension cords or adapters. Note: It does not mate with shore power inlet.

Part # M5100C9
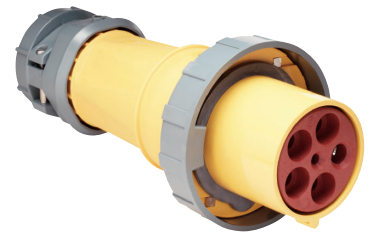
Connector Body w/ Gasketed Locking Ring

- Mate with M5100B9R inlet

Part # M5100C9R

Dock Side Receptacle

- Spring loaded cover providing a IP67 watertight rating when tightened (see inside back cover)

Part # M5100R9

Shore Power Inlet

- Spring loaded cover providing a IP67 watertight rating when tightened (see inside back cover)

Part # M5100B9R

DC POWER CONNECTIONS

12V Receptacles & Plugs

43

Marinco offers a wide selection of high quality DC electrical products that are designed specifically for harsh marine environments.

12V Receptacles & Plug Accessories

44

Mounting brackets, plates, extension cords, and other essential accessories for managing your 12V receptacles and plugs.

12/24V 4.8A Dual USB Receptacles

NEW

45

A wide range of USB receptacles for charging mobile device, tablets, and other accessories.

DC POWER CONNECTIONS

Charging / Trolling / Downrigger System

46

Marinco offers a complete line of plugs and receptacles designed exclusively for trolling motors and downriggers. Including the 70A trolling motor plug.

Battery Direct Connect

49

Terminate up to four (4) electronic instruments on each set of battery terminals.

Charging today's mobile devices on the go is a necessity and requires products built to withstand the marine environment.

The importance of a quality DC electrical system

There's an old axiom that states, "The strongest chain is only as reliable as its weakest link," and the same analogy can be applied to your boat's DC electrical system. Put it in a harsh salt water or fresh water environment, where a vessel's wiring and components are subjected to more concentrated abuse in one season than your family car would experience in five years, and it's easy to realize that small electrical problems can get out of hand very quickly.

Safety onboard starts with a reliable DC electrical system that is installed and designed with the proper high quality wiring, components and connections to fulfill all of your intended DC tasks. If you're tempted to take shortcuts when wiring your boat, don't, as these types of cost-cutting measures can come back to bite you at the worst possible moments, potentially compromising the safety of your boat and crew.

So, whether you ply fresh water lakes, back bays, coastal areas or make long distance blue water runs to the edge of the continental shelf, Marinco® offers a wide selection of high quality, low voltage DC electrical products designed specifically for the harsh marine environment.

Now you can spend more time enjoying your boating experience and less time dealing with unwanted electrical hassles.

SeaLink® 12V

The SeaLink® 12V family of products are manufactured from corrosion resistant marine grade materials. Exclusive to SeaLink products is a unique interconnecting system that securely locks the plug into the receptacle resulting in a positive and moisture-proof connection. The plug and receptacle feature optimized metal connection points for maximum conductivity.

Slide-Loc™ Locking Ring
Watertight Cap
Interchangeable Fuse
Cord Seal
Panel with 1-1/8" Diameter Opening
Internal Strain Relief
LED Indicator Light
Optional Front Mounting Plate
Moisture Proof Sealing Ring

SEALINK Receptacle   SEALINK Plug
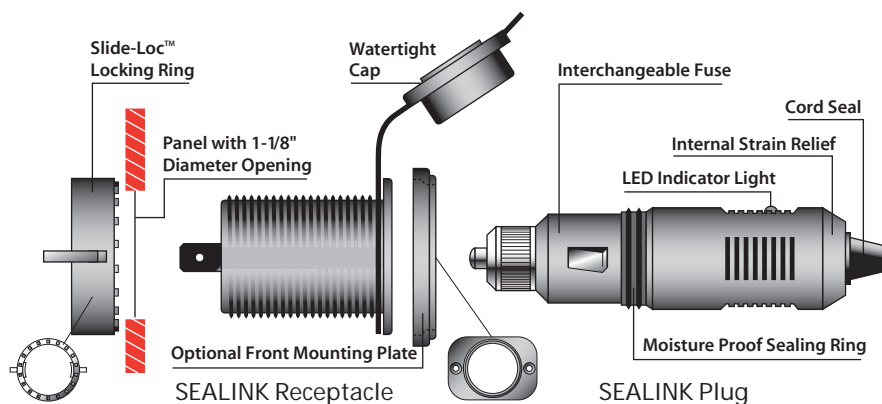
ConnectPro® Charging & Trolling

The ConnectPro® trolling motor plug and receptacle is a revolutionary concept in trolling motor DC connections. The ConnectPro system has superior electric current carrying capacity that eliminates problems that rob motors of power and reduce battery life. The ConnectPro system features a locking plug and receptacle and spring clamping connection, which provides a secure electrical contact.

Optional Threaded Locking Ring
Watertight Cap
Plated Brass Electrical Contacts
Weather Resistant Cover
Soft Contoured Grip
Panel with 1-1/8" Diameter Opening
Internal Strain Relief
Optional 6 Gauge Wire Adapter
Optional Front Mounting Plate
Moisture Proof Sealing Ring
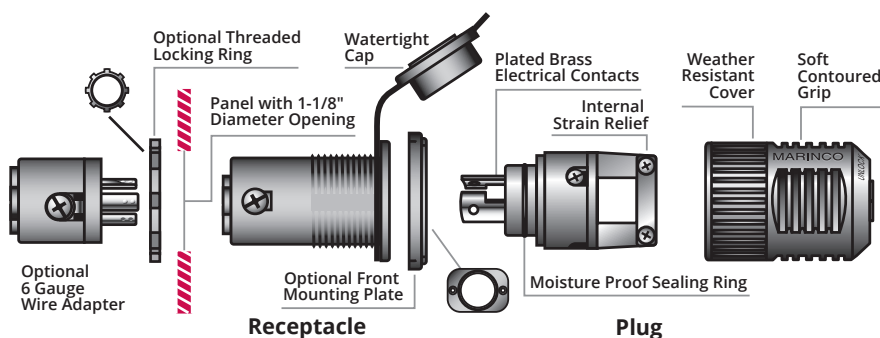
Receptacle   **Plug**

12V Receptacles / Plugs / Accessories

12V Receptacle with Protective Cap

- Stainless Steel
- Includes stainless steel mounting plate and wire set
- Max rating is 15A

Part #   20036

SeaLink® Deluxe 12V Receptacle w/ Old Style Ring

- Watertight sealing cap
- Easy to install with locking ring for rear access installation
- Compatible with standard 12V plugs
- Max rating is 15A

OEM #   12VRCO
OEM #   12VRCO.PG   w/gasket
OEM #   12VRCY   sealed seams

12VRC   **12VRCW**

SeaLink® Deluxe 12V Receptacle

- Watertight sealing cap
- Easy to install, with supplied mounting plate for front panel installation, or locking ring for rear access installation
- Compatible with standard 12V plugs
- Max rating is 15A

Part #   12VRC   black
Part #   12VRC.PG   black w/gasket
Part #   12VRCW   white

12VRC.OEM   **12VRCW.OEM**

SeaLink® Deluxe 12V Receptacle

- Watertight sealing cap
- Easy to install with locking ring for rear access installation
- Compatible with standard 12V plugs
- No mounting plate
- Max rating is 15A

OEM #   12VRC.OEM   black
OEM #   12VRCW.OEM white

SeaLink® Deluxe 12V Plug

- Moisture proof sealing ring
- LED power indicator light
- Interchangeable 10A fuse
- Internal strain relief and cord seal
- Compatible with standard 12V receptacles
- Max rating is 10A

Part #   12VPG
OEM #   12VPG.OEM

SeaLink® Deluxe 12V Receptacle & Plug

- 12VRC and 12VPG packaged together

Part #   12VPK

12V Receptacles / Plugs / Accessories

12MP.OEM   **300259**

SeaLink® Mounting Plate
- Easy to install or retrofit
- 12MP.OEM use with 12VRCY, 12VRC.OEM, 12VRCO, or 12VBR.OEM
- 300259 use with 12VRCW.OEM

OEM #   **12MP.OEM**   black
OEM #   **300259**   white

Boot
- For use with 12V products
- Creates a weatherproof seal

Part #   **300275**

Trolling Motor Adapter Terminal
- 6-gauge

Part #   **12VPL.OEM**

SeaLink® Receptacle Mounting Bracket
- Bracket for under dash mounting of the SeaLink® or ConnectPro® receptacles
- Receptacle installs with rear mounting threaded nut
- Marine grade anodized aluminum
- Dimensions: 2" W x 2-1/2" H

Part #   **12BKT**

SeaLink® Deluxe 12V Extension Cord
- Heavy-duty 18-gauge wire, extends to over six (6) feet
- Watertight cap
- Plug features an LED indicator light, moisture proof sealing ring, strain relief and built-in 10A fuse
- SeaLink® locking system
- Works with any standard 12V plug and receptacle

Part #   **12VXT**

USB Chargers

12VDUSB   12VDUSBW-B   12VCOMBO   12VCOMBOW-B

SeaLink® Deluxe Dual USB Charger Receptacle

• 12V to 24V DC input
• 5V, 2.1A total output
• LED power indicator light for USB
• Water resistant cover protects against dust and water

Part #	12VDUSB	black (with insulated terminals)
OEM #	12VDUSB-B	black
OEM #	12VDUSBN-B	black no LED
OEM #	12VDUSBW-B	white

SeaLink® Deluxe Dual USB Charger & 12V Receptacle

• 12V DC input
• Dual USB has 5V, 2.1A total output
• LED power indicator light for USB
• Receptacle has 12V DC output, rated up to 15A
• Water resistant covers protects against dust and water

Part #	12VCOMBO	black (with insulated terminals)
OEM #	12VCOMBO-B	black
OEM #	12VCOMBON-B	black no LED
OEM #	12VDUSBW-B	white

12/24V 4.8A Dual USB Charger NEW

• Dual USB ports with 4.8A total output
• Cover prevents dust and water from damaging receptacles

Part # 12VDUSB48

12/24V 4.8A Contura Dual USB Charger NEW

• Dual USB ports with 4.8A total output
• Blue LED shows power is available
• Installs in standard Contura switch footprint
• Cover prevents dust and water from damaging receptacles

Part # 12VCDUSB48

12/24V 4.8A Contura Dual USB Charger with Volt/Amp Meter NEW

• Dual USB ports with 4.8A total output
• 3-digit blue LED volt/amp meter
• Installs in standard Contura switch footprint
• Cover prevents dust and water from damaging receptacles

Part # 12VCDUSB48A

3-Wire 70A Charging / Trolling System

70A Trolling Motor Receptacle

- 70A continuous rating
- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V, 36V or 48V systems
- Floating pin design for maximum connectivity and durability
- Corrosion resistant, plated brass electrical components
- Watertight sealing cap
- Accepts 8 and 6 AWG wire

Part #   12VBRS3
OEM #   12VBRS3.OEM

70A Trolling Motor Plug

- 70A continuous rating
- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V, 36V or 48V systems
- Floating pin design for maximum connectivity and durability
- Corrosion resistant, plated brass electrical components
- Integrated strain relief
- Keyed design with thumbprint locator
- Accepts 8 and 6 AWG wire

Part #   12VBPS3
OEM #   12VBPS3.OEM

70A Trolling Motor Plug & Receptacle

- 70A continuous rating
- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V, 36V or 48V systems
- Floating pin design for maximum connectivity and durability
- Corrosion resistant, plated brass electrical components
- Receptacle contains watertight sealing cap
- Plug contains Integrated strain relief and keyed design with thumbprint locator
- Accepts 8 and 6 AWG wire

Part #   12VCPS3

TECH TIP

Trolling Motor Amperages

Marinco offers multiple trolling motor plugs and receptacles to accommodate many different trolling motors. To select the correct plug and receptacle for your trolling motor, identify the amperage and voltage rating of your trolling motor. All Marinco trolling motor plugs and receptacles are rated at the stated amperage for continuous use and the amperage rating may vary by voltage. If a trolling motor plug and receptacle is undersized based on the amperage and voltage of the trolling motor, issues may occur.

2-Wire ConnectPro® Charging / Trolling System / Downrigger

ConnectPro® Receptacle

- Works with 12V, 24V, or 36V 2-wire systems
- For front mount panel installations
- Weather resistant sealing cap
- Drain holes in receptacle keep water away from electrical components
- Perma-Lock™ screw terminals will not loosen under extreme hull vibration
- Fits standard 1-1/8" diameter mounting hole
- Accepts up to 10 AWG wire

Part #   **12VBRS2**
OEM #   **12VBRS2.OEM**

ConnectPro® Plug

- O-ring seal for waterproof connections
- Weather resistant plug cover
- Corrosion resistant, plated brass electrical components
- Accepts 16 to 8 AWG wire
- Ergonomic contoured grip for easy hook-up and ground blade alignment
- Max rating is 40A

Part #   **12VBPS2**
OEM #   **12VBPS2.OEM**

ConnectPro® Receptacle & Plug

- 12VBRS2 and 12VBPS2 packaged together

Part #   **12VCPS2**

3-Wire ConnectPro® Charging / Trolling System

ConnectPro® Receptacle

- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V or 36V systems
- Watertight sealing cap
- Corrosion resistant, plated brass electrical components
- Drain holes in receptacle keep water away from electrical components
- Perma-Lock™ screw terminals will not loosen under extreme hull vibration
- Standard 1-1/8" diameter mounting hole
- Easy to install, with supplied mounting plate for front panel installation, or locking ring for rear access installation
- Accepts 10 and 8 AWG wire
- Easily replaces other trolling motor plugs and receptacles
- Max rating is 40A

Part #   **12VBR**   with mounting plate
OEM #   **12VBR.OEM**   without mounting plate

ConnectPro® Plug

- O-ring seal for waterproof connections
- Weather resistant plug cover
- Corrosion resistant, plated brass electrical components
- Accepts 16 to 8 AWG wire
- Ergonomic contoured grip for easy hook-up and ground blade alignment
- Max rating is 40A

Part #   **12VBP**
OEM #   **12VBP.OEM**

ConnectPro® Receptacle & Plug

- 12VBR and 12VBP packaged together

Part #   **12VCP**

6 Gauge ConnectPro® Wire Receptacle Adapter

- Allows 6 AWG wire connection to ConnectPro® receptacle
- Corrosion resistant, plated brass electrical components

Part #   **12VBRAD**
OEM #   **12VBRAD.OEM**

ConnectPro® Receptacle, Plug & 6 Gauge Adapter

- 12VBR and 12VBP and 12VBRAD packaged together
- Max rating is 40A

Part #   **12VCP6**

3-Wire 30A 125V Locking Charging / Trolling System

NEMA
L5-30R   G   W   30A
125V
Locking

Male Plug
• Short housing, black nylon with internal strain relief system and recessed fasteners

Part #   305BP
OEM #   305BP.OEM

Female Connector
• Short housing, black nylon with internal strain relief system and recessed fasteners

Part #   305BC

Receptacle
• Corrosion resistant reinforced nylon.
• Accepts 8 AWG stranded wire or up to 6 AWG with spade terminals

Part #   305CRRB
OEM #   305CRRB.OEM

4-Wire 12/24V Locking Charging / Trolling System

The 4-wire trolling/charging system eliminates the need for a charge/run switch. Install the receptacle on the boat, mount the black trolling motor plug on the trolling motor, and the red charger plug on the leads of the battery charger. Simply plug in the black plug to troll, or plug in the red plug to charge.

12/24V
Locking

Charger Plug (Male)
• Accepts up to 10 AWG wire
• Red

Part #   2018BP-12

Trolling Motor Plug (Male)
• Connects to trolling motor
• Jumpered internally to supply 12V & 24V power to the trolling motor when plugged into the receptacle
• Accepts up to 8 AWG wire
• Max rating is 60A
• Black

Part #   2018BP-24
OEM #   2018BP-24.OEM

Receptacle & Bracket
• Spring loaded flip lid cover and 2018BR receptacle, pre-assembled

Part #   2018BR-MB

Trolling-Charging System Package
• Includes the 2018BP-12, 2018BP-24, and 2018BR-MB

Part #   2018PKG

Bracket
• Spring loaded flip lid cover, without receptacle

Part #   2018MB
OEM #   2018MB.OEM

Receptacle
• Glass-reinforced corrosion resistant nylon. Accepts 8 AWG stranded wire or up to 6 AWG with spade terminals.

Part #   2018BR
OEM #   2018BR.OEM
OEM #   2018BR.OEM.BPS (case pack)

Battery Direct Connect™ Multi Connection Battery Terminals

- Terminate up to four electronic instruments on each set of terminals
- Comes complete with quick-connect terminals
- Positive molded in red, negative molded in black
- All one-piece, no screws or parts to lose
- Cover snaps tight when closed
- Meets ABYC standard E-10.8

Part #   12VTR
OEM #   12VTR.OEM

TECH TIP

Battery Direct Connect™ Details

Negative   **12 VTR**   Positive

BATTERY

Terminate up to four electronic instruments

| Fish Finder | Depth Sounder | GPS | Radio |
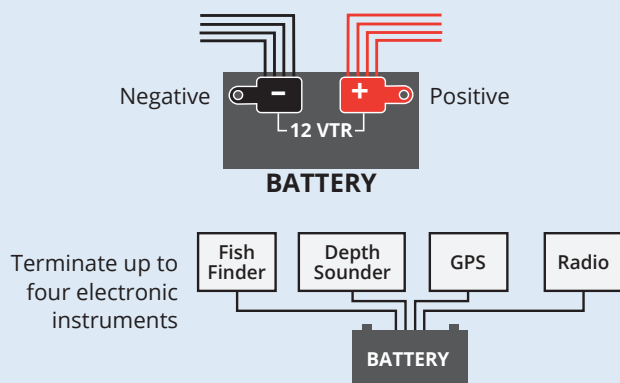
BATTERY

POWER CONVERSION

Guest ChargePro™ On-Board Battery Chargers

52

New line of Guest chargers ranging from 5A to 40A, with fully automatic 5-stage performance charging for 12V lead acid and AGM batteries. Chargers have dedicated outputs, aluminum housings and expanded LED charge status. 100% waterproof and shock resistant for all fresh and salt water applications.

1.5 Amp ChargePro™ Maintainer

54

Keep your battery charged with this highly reliable, Guest 1.5 Amp maintainer. Extends battery life and will charge, monitor and re-charge your battery if the voltage drops below 12.9V. The maintainer can be safely connected to the battery for short or long periods of time.

Guest Portable Battery Chargers

55

Take the charger to the battery with the Guest portable charger. Charges and maintains a full charge without the fear of overcharging or boiling electrolytes.

Battery Charger Accessories

56

Intuitive new charger accessories simplify installation and operation.

CHARGEPRO™

Guest On-Board Battery Chargers

For 12V, 24V, 36V and 48V systems (model specific)

Guest On-Board battery chargers have been redesigned from the inside out with the customer in mind. Our newest generation On-Board Marine battery chargers include leading advancements in digital charging technology and waterproof design/construction. Designed to maximize individual battery performance, extend battery life and show battery status better than ever before.

Every Guest charger has a dedicated output that delivers the full amount of amps per bank. The easy to read graphics indicates the status of each battery bank through the charging process.

ChargePro's low profile flangeless extruded aluminum housing is sealed by gaskets with heavy duty end caps for 100% waterproof performance to IP67. This new construction design delivers an increase in charging and thermal management performance. The new ChargePro Series is up to 40% lighter while increasing durability and ease of installation over prior generations of older technology epoxy filled plastic body chargers.

- All high frequency, digital charging technology
- Microprocessor and software control for precision, fully automatic 5-stage performance charging
- Dedicated battery charging, sensing and control per bank
- Expanded LED charge status monitor
- Wiring and battery fault detection
- Auto-maintain energy saver mode
- Up to 40% lighter
- 100% Waterproof (IP67) and shock resistant for all fresh and saltwater applications (see inside back cover)
- All models are pre-wired for easy installation
- For all 12V flooded and AGM lead acid batteries
- Built-in safety: reverse polarity, over-current, over-voltage, over-temperature and ignition protection. In-line fuses for maximum DC wire protection.
- 2-year warranty

2713A

2711A

2708A

Expanded LED display

Battery fault detection LEDs

Heavy-Duty strain reliefs
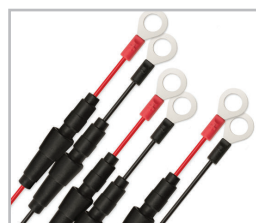
In-line safety fuses
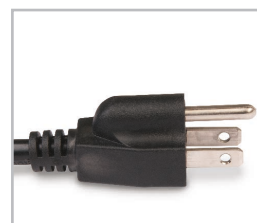
NEMA 5-15P plug

Certified to:
UL STD 1236
CSA C22.2 No. 107.2
FCC Class B

IP67
See inside
back cover

Energy Saving Technology

Designed and Constructed to:
ABYC-31

ABYC®
Setting Standards for Safer Boating

Guest ChargePro™ Series Selection

ChargePro 5A to 20A Models

Model	ChargePro 5	ChargePro 4/4	ChargePro 10	ChargePro 5/5	ChargePro 5/5/5	ChargePro 10/10
Part #	2708A	2707A	2710A	2711A	2713A	2720A
Input Volts	90-135V AC 50/60Hz	90-135V AC 50/60Hz	90-135V AC 50/60Hz	90-135V AC 50/60Hz	90-135V AC 50/60Hz	90-135V AC 50/60Hz
DC System Voltage	12	12/24	12	12/24	12/24/36	12/24
Banks	1	2	1	2	3	2
Amps	5	4/4	10	5/5	5/5/5	10/10
Amps Per Bank	5	4	10	5	5	10
AC Cord Length	6'	6'	6'	6'	6'	6'
Size (W x H X L)	7.5" x 2.4" x 7.2" 191 x 61 x 183 mm	7.5" x 2.4" x 9.0" 191 x 61 x 229 mm	7.5" x 2.4" x 9.0" 191 x 61 x 229 mm	7.5" x 2.4" x 9.0" 191 x 61 x 229 mm	7.5" x 2.4" x 12.9" 191 x 61 x 328 mm	7.5" x 2.4" x 12.9" 191 x 61 x 328 mm
Weight (lbs)	3.2	4.5	4.2	4.7	6.7	6.6

ChargePro 30A and 40A Models

Designed for demanding 12V, 24V, 36V and 48V battery systems requiring 10per battery for the fastest charge times.

Model	ChargePro 10/10/10	ChargePro 10/10/10/10
Part #	2731A	2740A
Input Volts	90-135V AC 50/60Hz	90-135V AC 50/60Hz
DC System Voltage	12/24/36	12/24/36/48
Banks	3	4
Amps	10/10/10	10/10/10/10
Amps Per Bank	10	10
AC Cord Length	6'	6'
Size (W x H X L)	9.0" x 4.1" x 8.7" 229 x 104 x 221 mm	9.0" x 4.1" x 8.7" 229 x 104 x 221 mm
Weight (lbs)	8.0	8.5

Fan

Expanded LED display

Heavy-Duty Strain Reliefs

Related Products

AC Plug Holder
page 56

Cable Extender
page 57

Fully Automatic Multi-Stage Performance Charging Overview
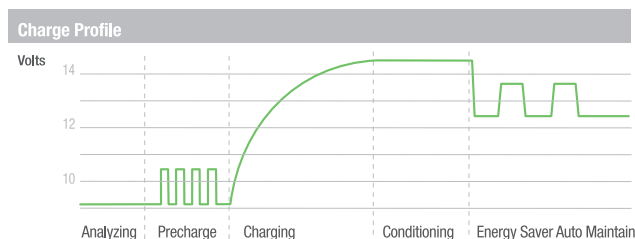
Charge Profile

Chargepro's 5-Stage Performance Charging Algorithm is Fully Automatic and Designed to Maximize Battery Performance and Extend Battery Life.

Stage 1 - Analyze Mode: AC power is applied. ChargePro's red charging LED will flash indicating it is analyzing individual wiring connections for proper connection/polarity and that each battery is over 4.0V DC and capable of accepting a precharge. When completed, any errors will trip a battery specific red fault LED, or if no faults are present the red charging LED will illuminate solid red.

Stage 2 - Precharge Mode: For batteries under 10V, this mode is designed to pulse the battery up to 10V before accepting full rated constant current (Stage 3). During this mode the red charging LED will be illuminated with a solid on.

Stage 3 - Charging Mode Constant Current: During this mode the red charging LED will be illuminated with a solid on indicating each battery is being charged in constant current mode as controlled by temperature until the battery voltage is raised to a precise 14.6V DC and the red charging LED will shut off.

Stage 4 - Conditioning Mode Constant Voltage: During this mode the amber conditioning LED will be solid on indicating each battery is being is being conditioned at 14.6V for up to 3 hours until the battery is fully charged. Followed by the amber LED turning off while the charger enters into Stage 5.

Stage 5 - Storage Recondition Mode: During this mode the blue AC power and green auto maintain LED will be solid on indicating each battery is being monitored while the charger is in standby mode consuming little to no power until the battery drops under 12.8V (fully charged) and the charger will turn on and auto maintain the battery in a fully charged state. This is fully automatic and safe for short and long term storage.
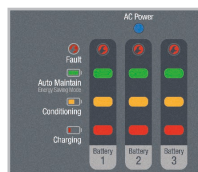
1.5 Amp ChargePro™ Maintainer

Keep your battery charged with this highly reliable, Guest 1.5 Amp maintainer. Extends battery life and will charge, monitor and re-charge your battery if the voltage drops below 12.9V. The maintainer can be safely connected to the battery for short or long periods of time. To increase versatility the maintainer comes with alligator clips and ring terminals for the output cable. This maintainer will charge smaller batteries and maintain batteries up to 150Ah (group 31).

- Ideal for sport fishing boats, ski boats, jet ski's, ATV's, automobiles, tractors, riding lawn mowers and more
- For Flooded, Gel and AGM batteries
- Charge batteries 1.2 Ah to 40 Ah
- Maintain batteries 1.2 Ah to 150 Ah
- Energy savings mode automatically shuts off the charger when the battery is charged. The charger periodically monitors the battery and turns back on when the battery falls below 12.9V.
- Maintainer can safely stay connected to the battery for long periods of time
- LEDs let you know when the Power is ON, battery is being charged and when charging is complete.
- Includes ring terminals and alligator clips for connection to the battery
- Weather resistant, IP65 (see inside back cover)
- 3-wire AC plug, NEMA 5-15P
- 3-year warranty
- Meets UL 1236 and CSA Standards, cETLus

Concealed Mounting
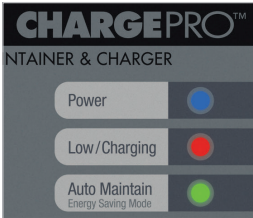
Expanded LED Status Center

Portable Foam Resting Pad

Included DC Cable Assemblies

NEMA 5-15P Plug

Part #	Output Volts	Output Amps	Banks	Cable Length	Size (WxHxD)	Weight	AC In
2701A	12V DC	1.5 A	1	6'	5.0"x5.8"x2.0" 127 x 147 x 51 mm	2.3 lbs	120V AC 60Hz

Conforms to:
Marine UL 1236 SB
CSA C22.2 No. 107.2
FCC Class A

Designed and Constructed to:
ABYC A-31

ABYC®
Setting Standards for Safer Boating

Portable Battery Chargers

Model	6 Amp Battery Charger	3 Amp Battery Charger
Part #	**2606A-B**	**2603-B**
Total amps	6A	3A
Outputs	1	1
Amps per out	6	3
Battery System	12V	12V
Input Voltage	100–130V AC / 60Hz	100–130V AC/60Hz
Output Voltage	12V	12V
AC	6' AC cord with standard plug	18" AC cord with standard plug
Dimensions	5.5" x 5.0" x 2.4" 140 x 127 x 61 mm	3.10" x 3.50" x 2.34" 79 x 89 x 59 mm
Weight	3.5 lbs / 1.6 kg	1.0 lbs / 0.5 kg

Universal AC Plug Holder+

Universal design for all standard 120V AC plugs

- Plug clamp insert included—converts plug holder to an AC inlet for Guest engineered chargers
- No cutting, stripping or rewiring of AC power cord
- Watertight and UV resistant cover
- Easy to reach safe AC power cord connections
- Stainless steel mounting screws included
- Easy installation
- Compatible with Guest ConnectCharge™ plug

Description	Part #
Black	**150PHB**
White	**150PHW**

Plug Clamp Insert

Available in black or white

AC Plug Holder Configurations—Multi-Use Design
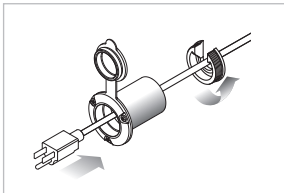
Universal Plug Holder
Fits marine chargers with 120V plugs.
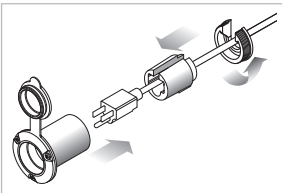
With Plug Clamp Insert
For all ProMariner chargers, Bass Pro shops, Cabela's and Guest chargers.
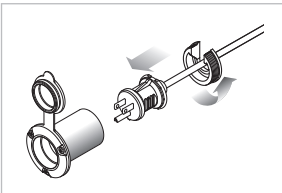
ConnectCharge™ Plug
Guest and Marinco ConnectCharge plug

Hard Wired Charger Inlets

- 15A or 20A 125V straight blade inlet
- Low profile cap won't catch fishing line
- Mounts easily to fiberglass and aluminum hulls
- Perma-Lock™ terminals and color coded wire entrance holes make wiring a snap
- UV resistant housing/cap

Amp	Color	Universal Mount Part #	Front Mount OEM #	Rear Mount OEM #
15	Black	**150BBI**	**150BBI.OEM**	**150BBI-TM**
15	White	**150BBIW**	**150BBIW.OEM**	—
20	White	—	**200BBIW.OEM**	—

15A 125V Straight Blade

20A 125V Straight Blade

Charger DC Cable Extenders

Universal design for all marine chargers with ring terminal cables

- Rated up to 30A
- Color coded for quick and easy installation
- No cutting, stripping or splicing required
- Slide & snap fully insulated connection covers
- Corrosion resistant tinned 12 AWG copper wire and gold plated hardware
- Dual inline waterproof fuses for maximum wire protection
- Available in 5 ft or 15 ft cable lengths
- Use with all on-board marine battery chargers when standard battery charger cables do not reach your bow, center mount or stern battery compartment locations

Description	Part #
5 ft	27505
15 ft	27515

Easy to extend charger cables with two 1/2" wrenches
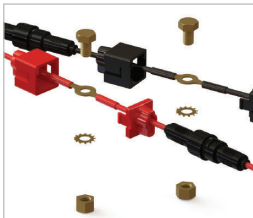
Step 1:
Align charger red and black wires and assemble hardware as shown
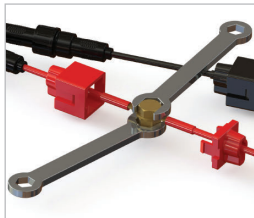
Step 2:
Tighten all hardware to approximately 12 ft. lbs.
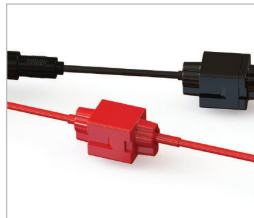
Step 3:
Slide and snap connection cover

27515

27505
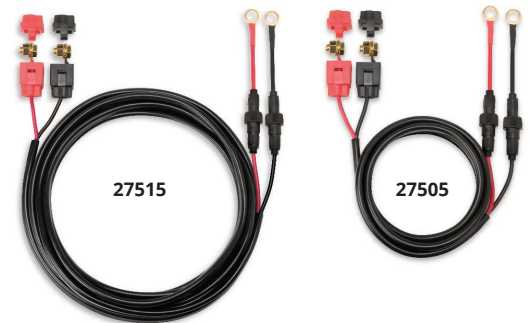
BATTERY
MANAGEMENT

Dynaplates

60

Improve the performance of electronics and reduce RF interference. Deters electrolysis and galvanic corrosion.

Universal Mount Switches

61

Longer stud length for easier assembly and cable routing.

Battery Selector Switches

61

Durable polycarbonate case. Available with or without alternator field disconnect. For 6V, 12V, 24V, or 36V systems.

Heavy-duty Diesel Power Battery Switches

61

Constructed with heavy-duty copper sweep contacts to ensure positive circuit control. Features alternator field disconnect to protect the electrical system during switching.

Battery management systems protect and support rechargeable batteries by extending the charge and life cycle of your batteries.

Dynaplates for Hull Bonding & Grounding

• Improves performance of electronics and reduces RF interference

• Offers the best path for hull bonding without long runs of copper foil

• Deters electrolysis and galvanic corrosion

• Sintered porous bronze sphere construction for maximum conductivity in a compact size

• Low drag, non-fouling shape

• Easy to clean with wire brush

• Conforms to ABYC standards

• Mounting hardware included

• Gold plated mounting bolt

• Bronze mounting nuts

	Standard	Large	Giant	Super
Part #	4006	4008	4012	4018
Use for	bonding and grounding	bonding, grounding and Loran use	bonding, grounding and Loran use	SSB radio
Dimensions	6" x 2" x .5" 152 x 51 x 13 mm	8" x 2.5" x .5" 203 x 64 x 13 mm	12" x 3" x .5" 305 x 76 x 13 mm	18" x 6" x .5" 457 x 152 x 13 mm
Mounting holes	2-1/2" center to center	4" center to center	6" center to center	9.875" center to center; 3" top to bottom
Weight	1.4 lbs / .6 kg	2.1 lbs / 1 kg	3.7 lbs / 1.7 kg	11.1 lbs / 5 kg

Accessories for dynaplates

Part	Material	Use with:	Dimensions	Part #
Washer	Bronze	4006/4008	1/4" x 20"	**P-11D03**
		4012/4018	3/8" x 16"	**P-11D04**
Bolt	Bronze	4006/4008	1/4" x 20"	**P-12D34**
		4012/4018	3/8" x 16"	**P-12D36**
	Bronze Gold Plate	4006/4008	1/4" x 20"	**P-12D35**
		4012/4018	3/8" x 16"	**P-12D37**

Part	Material	Use with:	Dimensions	Part #
Nut	Bronze	4006/4008	1/4" x 20"	**P-13A27**
		4012/4018	3/8" x 16"	**P-13A29**
	Bronze Gold Plate	4006/4008	1/4" x 20"	**P-13A28**
		4012/4018	3/8" x 16"	**P-13A2A**

TECH TIP

Choosing a Battery Switch

ABYC requires a battery switch on every boat with a battery over 800 Cold Cranking amps (CCA). This requirement exists so the potentially destructive energy in the batteries can be isolated in the event of a fire.

Universal Mount Switches

- Longer stud lengths for improved assembly and easier cable routing
- Built with heavy-duty copper sweep contacts to ensure positive circuit control
- Rugged internal components protected by a tough, impact resistant polycarbonate housing that is impervious to the elements
- Cable Lug Size: 3/8"
- Dimensions: 5.0" x 2.75"

Selector Switch w/out AFD

Continuous: 230A
Momentary: 345A

Description	Part #	OEM #
black	**2111A**	**2111A-B**
orange	**2111A-O**	—
red	**2111A-17**	—

Selector Switch with AFD

Continuous: 230A
Momentary: 345A

Description	Part #	OEM #
black	**2110A**	**2110A-B**

On/Off Switch w/out AFD

Continuous: 230A
Momentary: 345A

Description	Part #	OEM #
black	2112A	2112A-B

Battery Selector Switches

- Polycarbonate case
- For 6V, 12V, 24V or 36V systems
- Surface mount
- Cable Lug Size: 3/8"
- Dimensions: 5.50" x 2.63"

Selector Switch with AFD

Continuous: 230A
Momentary: 345A

Description	Part #	OEM #
orange	**2100**	**2100-B**

Selector Switch w/out AFD

Continuous: 230A
Momentary: 345A

Description	Part #	OEM #
orange	**2101**	**2101-B**

On/Off Switch w/out AFD

Continuous: 230A
Momentary: 345A

Description	Part #	OEM #
orange	**2102**	**2102-B**

Heavy-duty Diesel Power Battery Switches

- For 6V, 12V, 24V or 36V systems
- Built with heavy-duty copper sweep contacts to ensure positive circuit control
- Rugged internal components protected by a tough, impact resistant polycarbonate housing that is impervious to the elements
- All feature Alternator Field Disconnect (AFD) allowing selection of any position, including "off", without damage to alternator or electrical system
- Cable lug size: 1/2"
- 2304A and 2304A-B have 3 studs

Heavy-duty On/Off Switch

Continuous: 450A
Momentary: 800A

Description	Part #	OEM #
gray	**2303A**	**2303A-B**

Extra-duty On/Off Switch

Continuous: 600A
Momentary: 1000A

Description	Part #	OEM #
gray	**2304A**	**2304A-B**

Battery Selector Switch

Continuous: 360A
Momentary: 600A

Description	Part #	OEM #
gray	**2300A**	**2300A-B**

Battery Switch Operation Diagrams

As more and more electronics and electrical accessories are added to your boat (autopilot, refrigeration, etc.) the use of multi-batteries becomes a necessity. Guest components allow you to set up the system (from simple to complex) for your boat's application. The following diagrams are for use in identifying and designing the right system for your boating needs.
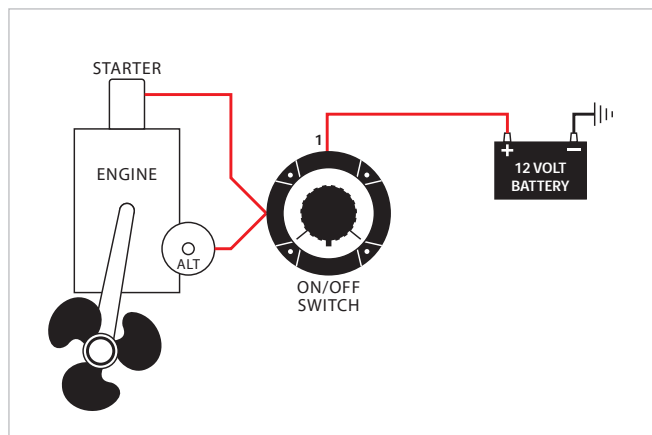
Single battery

Installation: To shut off all power at source. Recommended installation by approved authorities.
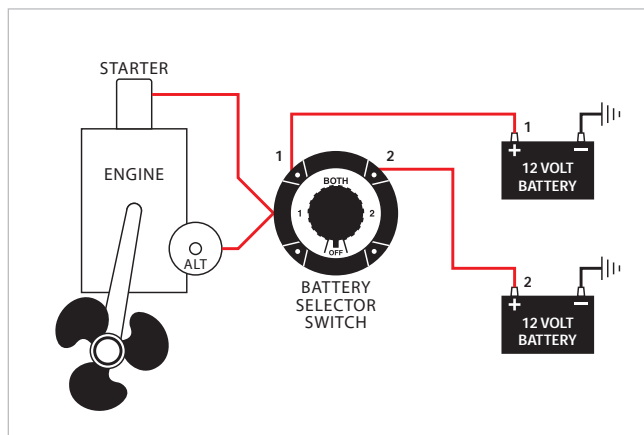
Two batteries without isolator

Installation: To select a starter battery and ship service battery. Manually isolates each battery, parallels both batteries for emergency start, master disconnect, manually selects batteries for charging.
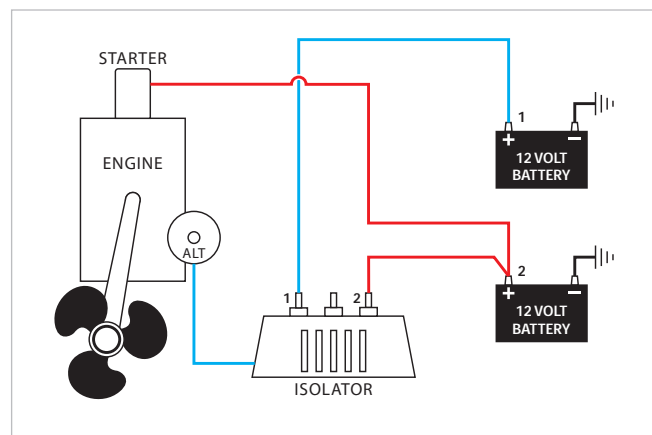
Two batteries with isolator

Installation: Isolator automatically selects lower charged battery to be charged first. Full battery can't discharge to drained battery. Dedicated system, no flexibility, no emergency parallel or disconnect function.
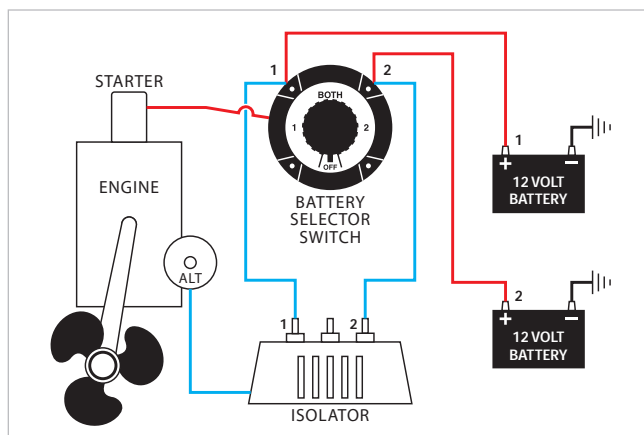
Two batteries with emergency parallel

Installation: An isolator automatically isolates each battery, lower charged battery will automatically be charged first. Two different size batteries can be used, larger for ship services, smaller for engine cranking. Switch selects usage, master disconnect, emergency parallel function.
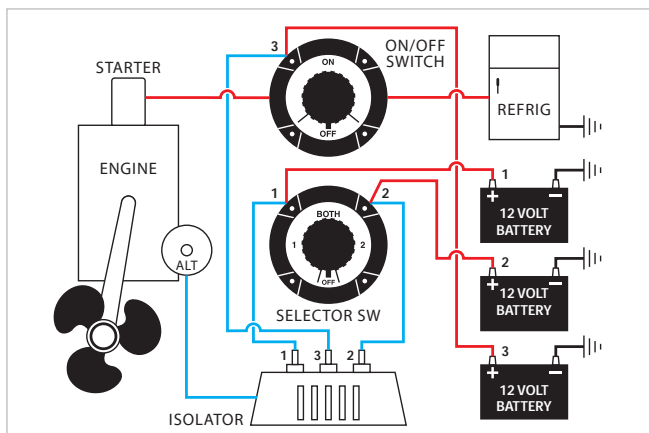
One battery selector switch, one On/Off selector switch automatic battery isolation and automatically charges three batteries

Installation: Use for sailboats and trawlers. Third battery isolated from other ship circuits. All batteries being automatically charged while running through isolator. To be used for refrigeration or other heavy load devices. Isolator protects other batteries.

Switch selector usage:

1. Master disconnect   2. Emergency parallel function
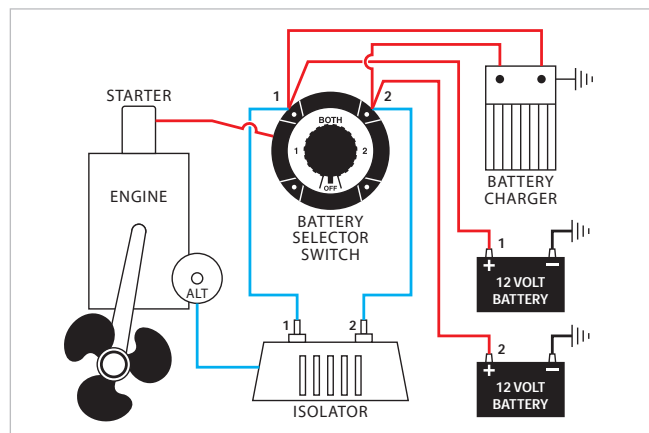
Adding automatic battery charger/converters to system

Installation: At dock side multi-bank charger built in isolator which will automatically charge lower battery.
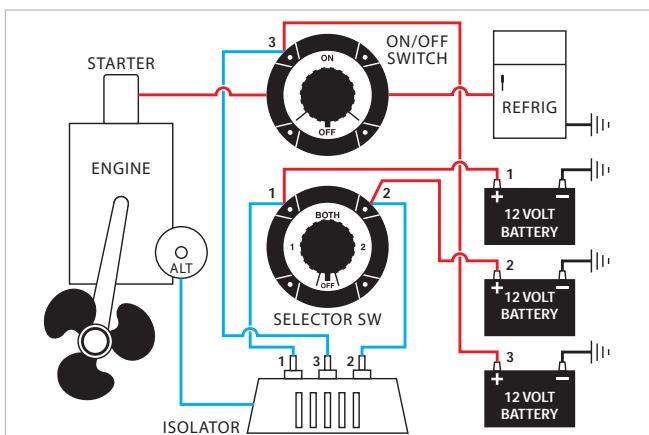
Three batteries, one battery selector switch, one On/Off or selector switch, two alternators, one isolator

Installation: Isolator separates both alternators so both alternators will charge simultaneously. Automatically charges lowest battery first. All batteries can be used for start, third battery, ship's source.

Alternator Field Disconnect (AFD)

Allows selection of any position, including "Off," without damage to alternator or electrical system. AFD is required on some electrical systems.

- Heavy-duty copper sweep contacts
- Positive click-stop on all positions
- "Make before break" contacts allow selection of all positions except "Off" while engine is running
- New design is easy to retrofit into existing hole patterns
- Use with 6V, 12V, 24V or 36V systems
- Built-in skirt protects connections
- Surface or rear panel mounting
- Marine grade construction

Important Note: The boater's electrical needs and problems should be discussed with your boatyard's electrical technician.

Exclusive flat 360 "sweep" contact design provides up to 60% more contact area than other switch designs.

WIPER SYSTEMS

Wiper Motors & Kits

66

Marinco® motors are split into three categories, Standard, Heavy-Duty, and Heavy-Duty Plus, with the categories being defined by the power range of the motors. Within the three categories, there are motors designed for interior or protected installations, and motors designed for exterior installations. We offer wiper motors for all windshield sizes up to 45", which could be covered by a 30" arm and 30" blade combination, driven by a 3.0 motor.

Wiper Arms

74

Wiper arms are available in Standard, Deluxe, and Premier styles and the primary construction material in all wiper arms is stainless steel. Deluxe arms are used on Standard and Heavy-Duty motors. The arms are available in a wide range of sizes, in both black and stainless steel finish, and regular and pantographic models. Pantographic arms use a set of two arms joined together to give a flatter and somewhat wider sweep pattern.

WIPER SYSTEMS

Wiper Blades

NEW

77

Standard, Deluxe and Premier Plus wiper blades are offered in different sizes and styles to fit all of the different types of wiper arms. Premier and Deluxe styles have stainless steel frame construction and high-end silicone rubber squeegees. For maximum performance of all blade styles, replacement of wiper blades is recommended every six (6) months.

Windshield Washer Kits

79

A full line of easy-to-install windshield washer kits are available.

Wiper assembly systems ensure your visibility remains clear through a storm or vicious passages.

Wiper Motors

The motor choice is based primarily on the size of the windshield and where the motor is to be installed, either in an exterior or interior location. Marinco motors are split into two categories, Standard and Heavy-Duty with the categoies being defined by the power range of the motors. Within the two categories, there are motors designed for interior or protected installations, and motors designed for exterior installations.

The Standard motor category includes the STD, WMW, and 500, which are all designed for light duty use, defined as being able to drive a 14" arm and a 14" blade.

When coverage of a larger windshield is required, Marinco® offers the Heavy-Duty motors, which are capable of driving a wide range of arm and blade sizes, up to a 26" x 26" Deluxe arm and blade combination, which would cover windshields up to 39". The 1000 motor can pull up to a 16" x 16" Deluxe arm and blade combination. The MRV is built for interior or well-protected locations, and has the power to pull a 22" X 22" Deluxe arm and blade combination. The 1.5 motor has the power to pull a 22" x 22" Deluxe arm and blade combination like the MRV, but is waterproof and built for exposed installations. The 2.5 motor has the power to pull a 26" x 26" Deluxe arm and blade combination and is waterproof for exposed installations.

Choosing the Right Motor

|	Model	Voltage	Speeds	Stall Torque/ Stall Current	Compatible Blade Lengths	Available Shaft Lengths	Sweep Angles	Housing
	2.5	12V & 24V	2 speed	139 in-lbs / 9A–10.5A	26" Deluxe 24" Premier	2.5"	Factory preset: 80° or 110° Adjustable: 45° or 60°	Fully sealed powder coated aluminum
	1.5	12V & 24V	2 speed	109 in-lbs / 11.5A–13A	22" Deluxe 20" Premier	1.5" 2.5"	Factory preset: 80° or 110° Adjustable: 45° or 60°	Fully sealed powder coated aluminum
	3000	12V	2 speed	159 in-lbs / 10.2A–12.2A	26" Deluxe 26" Premier	1.5" 2.5"	Factory preset: 80° or 110° Adjustable to 40°, 50°, 60°, 70°, 80°, 90°, 100° or 110°	Fully sealed aluminum
	1000	12V	Single	55 in-lbs / 9.8A–10A	16" Deluxe 18" Premier	1.5" 2.5"	Factory preset: 65°, 80° or 110° Adjustable: 50°, 65°, 80° or 110°	Fully sealed, UV stabilized hi-temp thermoplastic
	MRV	12V & 24V	2 speed (but can be operated as 1)	109 in-lbs / 11.5A–13A	22" Deluxe 20" Premier (at 80° sweep)	1.5" 2.5" 3.5"	Factory preset: 80° or 110° Adjustable: 45°, 60°, 80° or 110°	Corrosion resistant cast housing
	500	12V	Single	—	14" Deluxe	2.5"	Factory preset: 80° or 110°	Fully sealed, UV stabilized hi-temp thermoplastic
	WMW	12V	Single	—	14" Deluxe	2.5"	Factory preset: 110°	Chrome plated brass case
	STD	12V	Single	—	14" Deluxe	2.5" 3.5"	Factory preset: 80° or 110° Adjustable: 80° or 110°	Corrosion proof aluminum alloy case
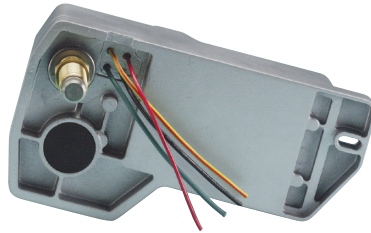
2.5 Waterproof Wiper Motor

- Fully sealed powder coated aluminum waterproof base and housing
- Powers a 26" Deluxe arm and Deluxe blade combination or a 24" Premier arm and Deluxe blade combination
- Available in two (2) shaft lengths: 1.5" and 2.5" (includes .5" length of knurled arm fitting)
- Factory pre-set sweep angles of 80° or 110°, with easy adjustment to 45° or 60°
- Chrome plated solid brass knurled drive nut with brass and stainless steel drive shaft
- Two-speed motor
- Sealed 6" wire leads, 16 AWG
- Adjustable right or left self parking
- .625" diameter shaft (16 mm)
- Available in 12V and 24V models
- Coast to park
- RF shielded circuitry
- Retail version includes 6A fuse and holder (operating switch not included)
- Measures approximately 7.875" L x 4.25" W x 3" D (see below for detailed dimensional drawings)
- Stall torque: 139 in-lbs (160 kgf/cm; 15.7 Nm)
- Stall current: 9.0A–10.5A
- No load current: 1.0A -1.6A

3 YEAR WARRANTY

CE

Related Products

Intermittent Wiper Motor Controller page 72

Description	Voltage	Sweep	Part #	OEM #
1.5" Shaft	12V	80°	82081	—
2.5" Shaft	12V	80°	82082	82182
		110°	82012	—
	24V	110°	82312	82212

16AWGX7"

— F P S

3.13" (79.6mm)

.26" (6.5mm)

W = 4.25" (108mm)

L = 7.91" (201.0mm)

.53" (13.5mm)

L=1",2"

M16

D = 3.02" (76.8mm)

3 YEAR WARRANTY

CE
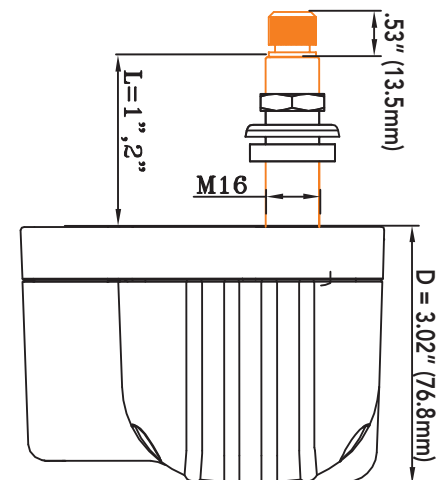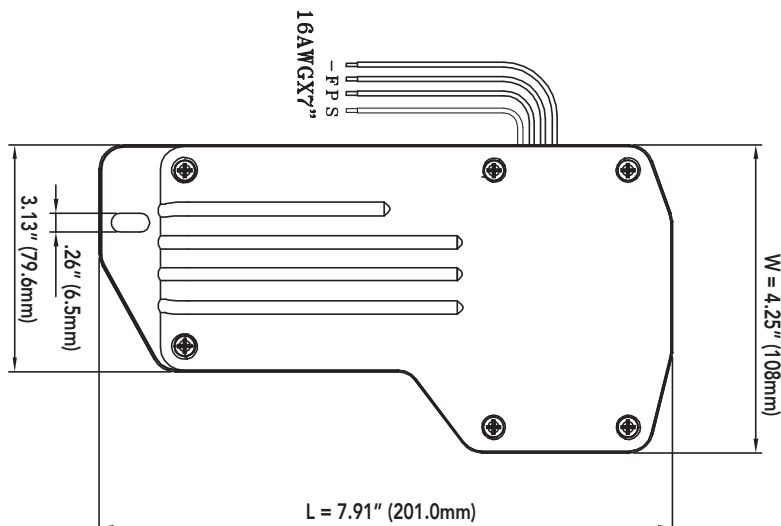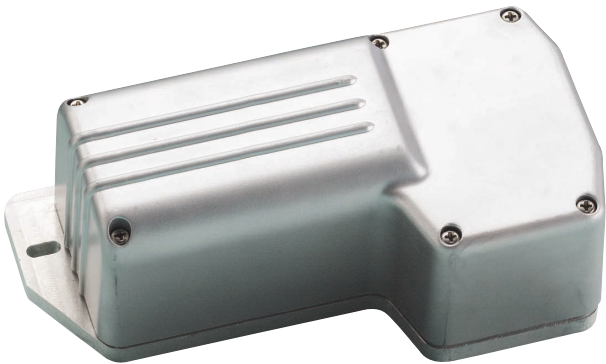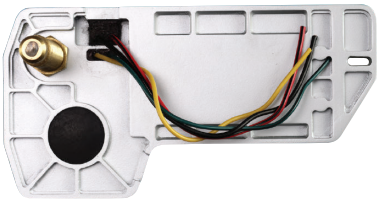
Related Products

**Intermittent Wiper
Motor Controller
page 72**

1.5 Waterproof Wiper Motor

- Fully sealed powder coated aluminum waterproof base and housing
- Powers a 22" Deluxe arm and 22" Deluxe blade combination
  or a 20" Premier arm and 20" Deluxe blade combination
- Available in three (3) shaft lengths: 1.5" and 2.5"
  (includes .5" length of knurled arm fitting)
- Factory pre-set sweep angles of 80° or 110°, with easy adjustment
  to 45° or 60°
- Chrome plated solid brass knurled drive nut with brass
  and stainless steel drive shaft
- Two-speed motor
- Sealed 6" wire leads, 16 AWG
- Adjustable right or left self parking
- .625" diameter shaft (16 mm)
- Available in 12V
- Coast to park
- RF shielded circuitry
- Retail version includes 5A fuse and holder
  (operating switch not included)
- Measures approximately 7.75" L x 4" W x 2.75" D
  (see below for detailed dimensional drawings)
- Stall torque: 109 in-lbs (125 kgf/cm; 12.3 Nm)
- Stall current: 11.5A–13.0A
- No load current: 0.5A–1.2A
- *Replaces AFI 2000 motor*

Description	Voltage	Sweep	Part #	OEM #
1.5" Shaft	12V	80°	**71081**	—
		110°	**71011**	—
2.5" Shaft	12V	80°	**71082**	71182
		110°	**71012**	71112

16AWGX7"

– F P S

2.87" (73.0mm)

.20" (5mm)

W = 3.98" (101.0mm)

L = 7.76" (197.0mm)

.53" (13.5mm)

L = 1", 2"

M16

D = 2.77" (70.28mm)
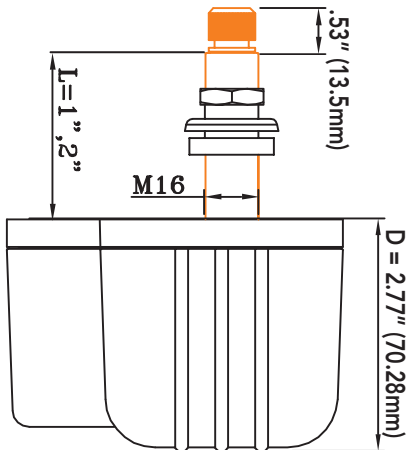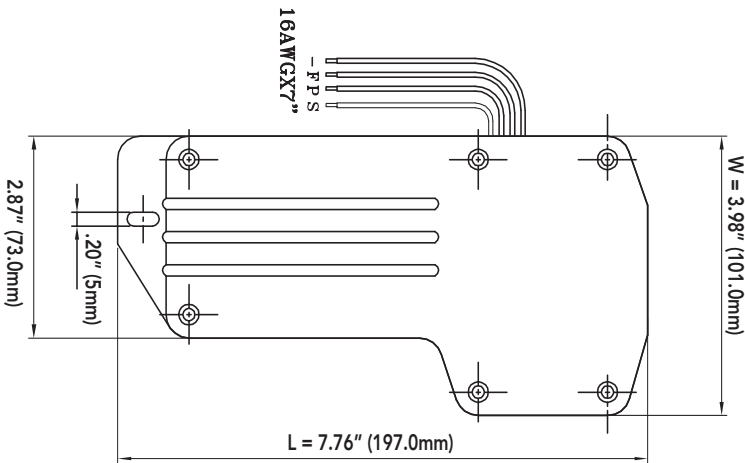
3000 Waterproof Wiper Motor

- Fully sealed powder coated aluminum waterproof base and housing
- Powers a 26" Deluxe arm and Deluxe blade combination or a 24" Premier arm and Deluxe blade combination
- Available in two (2) shaft lengths: 1.5" and 2.5" (includes .5" length of knurled arm fitting)
- .625" diameter shaft (16 mm)
- Factory preset sweep angles of 80° or 110°, with easy adjustment from 40° to 110° at 10° increments
- Sealed 6" wire leads, 16 AWG
- Adjustable right or left self parking
- Two-speed settings
- Retail version includes 5A fuse and holder (on/off switch not included)
- Isolated ground
- Stall torque: 159 in-lbs (183 kgf/cm; 18 Nm)
- Stall current: 10.2A–12.20A
- IP66 rated (see inside back cover)

Description	Voltage	Sweep	Part #	OEM #
1.5" Shaft	12V	80°	**83081**	**83181**
		110°	**83011**	**83111**
2.5" Shaft	12V	80°	**83082**	**83182**
		110°	**83012**	**83112**
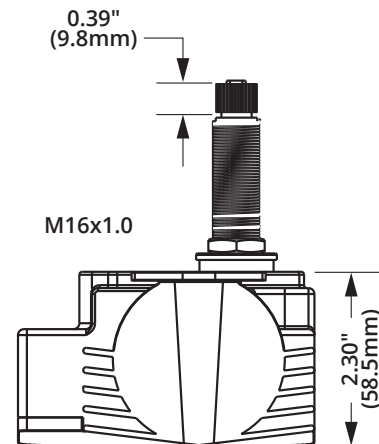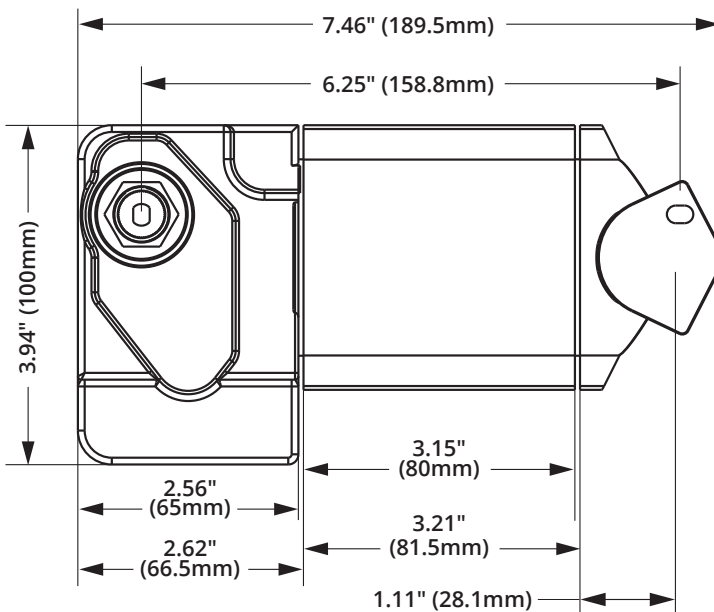
3 YEAR WARRANTY

CE

Related Products

Intermittent Wiper Motor Controller page 72

7.46" (189.5mm)

6.25" (158.8mm)

3.94" (100mm)

2.56" (65mm)

2.62" (66.5mm)

3.15" (80mm)

3.21" (81.5mm)

1.11" (28.1mm)

0.39" (9.8mm)

M16x1.0

2.30" (58.5mm)
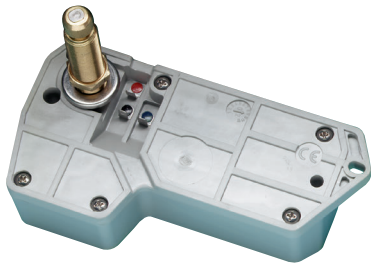
1000 Waterproof Wiper Motor

- Powers 18" Deluxe arm and 18" Deluxe blade combination at sweep sets of 80° or less (not compatible with pantograph arms)
- Powers 16" Deluxe arm and 16" Deluxe blade combinations at a sweep set of 110° (not compatible with pantograph arms)
- Factory pre-set sweep of 80° or 110° adjustable to 50°, 65°, 80°, or 110°
- .625" diameter shaft (16 mm)
- Fully sealed waterproof housing made of UV stabilized, high-temperature, high-impact thermoplastic
- 12V heavy-duty motor with anti-rotation drive shaft
- Knurled drive shaft and solid brass arm drive nut
- Coast to park with adjustable right or left self parking
- Retail version includes 5A fuse and holder (on/off switch not included)
- RF shielded circuitry
- Weight: 1.75 lbs
- Available in two (2) shaft lengths: 1.5" and 2.5" (includes .5" length of knurled arm fitting)
- Measures approximately 6.625" L x 3.375" W x 2" D
- Stall torque: 55 in-lbs (63 kgf/cm; 6.2 Nm)
- Stall current: 9.8A–10.0A
- No load current: 0.8A–1.2A

3 YEAR WARRANTY

CE

Related Products

Intermittent Wiper Motor Controller
page 72

Description	Voltage	Sweep	Part #	OEM #
1.5" Shaft	12V	65°	—	36161
		80°	36180	36181
		110°	36110	36111
2.5" Shaft	12V	65°	—	37161
		80°	37180	37181
		110°	37110	37111
2.5" Shaft Kits	12V	80°	37100	—
		110°	37200	—
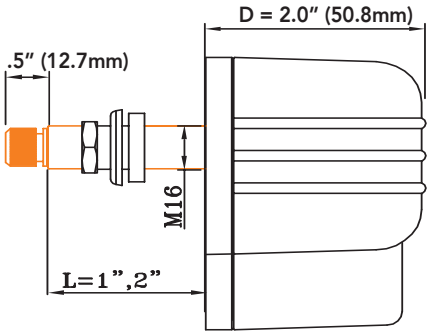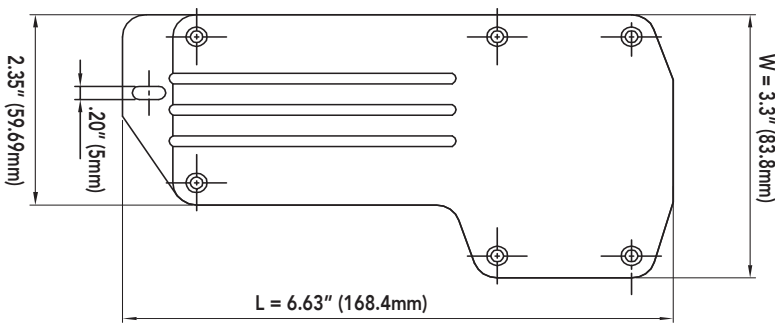
2.35" (59.69mm)

.20" (5mm)

W = 3.3" (83.8mm)

L = 6.63" (168.4mm)

D = 2.0" (50.8mm)

.5" (12.7mm)

M16

L=1", 2"

MRV Wiper Motor

- Easily powers 22" x 22" deluxe arm/blade combinations, or a 20" x 20" premier arm/blade combination at sweep sets of 80° or less
- Factory pre-set sweep of 80° or 110° adjustable from 40° to 110° in 10° increments
- .625" diameter shaft (16 mm)
- Available in three (3) shaft lengths: 1.5", 2.5" and 3.5" (includes .5" length of knurled arm fitting)
- Corrosion-resistant casing
- Heavy-duty motor with right angle drive
- Two-speed motor, can be operated as one speed
- Solid brass knurled drive nut with brass and stainless steel drive shaft
- Adjustable right or left self parking, coast to park
- Retail version includes 5A fuse and holder
- Stainless steel fasteners and mounting bracket
- Use with three-position switch (not included)
- Compact size – 7.625" L x 4" W x 2" D
- Stall torque: 109 in-lbs (125 kgf/cm: 12.3 Nm)
- Stall current: 11.5A–13.0A
- No load current: 0.5A–1.2A

3 YEAR WARRANTY

CE

Related Products

Intermittent Wiper Motor Controller page 72

Description	Voltage	Sweep	Item#	OEM #
1.5" Shaft	12V	80°	**34001**	**38001**
		110°	**34011**	**38011**
2.5" Shaft	12V	80°	**34000**	**38000**
		110°	**34010**	**38010**
	24V	110°	**34210**	—
3.5" Shaft	12V	80°	**34005**	**38005**
		110°	**34015**	—

3.96" (100.8mm)   6.06" (154.0mm)   1.47" (37.38mm)

L = 1.5", 2.5", 3.5"   1.47" (37.38mm)   2.08" (52.8mm)   2.52" (64.0mm)   3.54" (90.0mm)
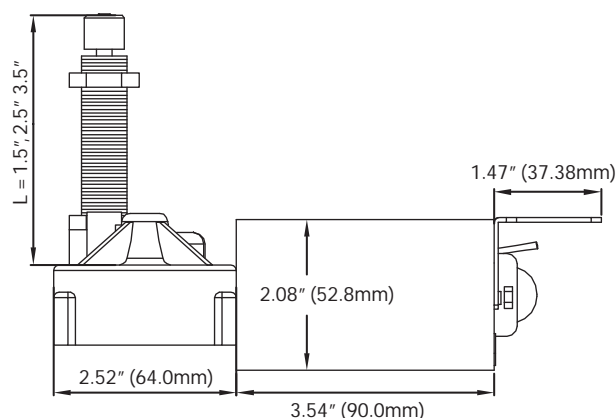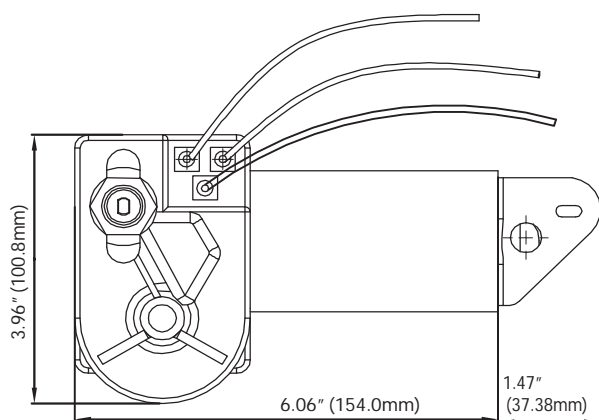
MRV Wiper Motor Cover

- Constructed of white ABS plastic
- Easily installed

Description	Part #	OEM #
White	**33025**	**33125**

WMW Wiper Motor

Windshield Mount: .375" shaft diameter

- Powers up to 14" x 14" arm/blade combinations
- Water-resistant sealed motor
- Chrome-plated brass case and shaft housing
- Stainless steel front plate and wiper shaft
- Maximum current draw: 2A
- Shaft diameter: .375"
- For external use in open cabin boats
- Dimensions: 4.25" L x 2.75" W x 3.5" D

Description	Voltage	Sweep	OEM #
2.5" Shaft	12V	110°	**35010**
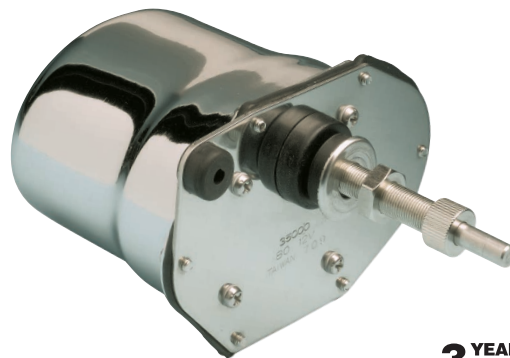
3 YEAR WARRANTY

STD Wiper Motor

Windshield Mount: .375" shaft diameter

Deck Mount: .5" shaft diameter

- Deck mount version includes deck mount adapter kit (33000)
- Powers up to 14" x 14" arm/blade combinations
- Corrosion-proof aluminum alloy case with black crackle finish
- Base & mounting plates are chrome plated naval brass
- Maximum current draw: 2A
- 80° or 110° adjustable sweep, adjustable right or left self-parking
- Shaft diameter: .375" windshield mount, .5" deck mount
- Dimensions: 3.875" L x 2.25" W x 3.5" D

Description	Voltage	Sweep	Part #
2.5" Shaft	12V	80°	**35040**

3 YEAR WARRANTY

Intermittent Wiper Motor Controller

- Single-speed and dual-speed options
- Allows for the control of single motor systems, and synchronized control of dual motor systems
- Intuitive automotive-style functionality—features adjustable intermittent settings, adjustable continuous settings, and washer system operation
- IP67—Potted case for harsh environment durability (see inside back cover)
- Includes Contura Switch, SPDT (On)-Off-(On) (retail only)
- Easy to install with 1/4" spade connectors
- Reverse polarity protection
- Compatible with 12V and 24V DC motors

LEARN MORE
Wiper Motor
Controller Video

Visit Marinco on
YouTube.com

76080

Description	Part #	OEM #
Single Speed	**76090**	**76190**
Dual Speed	**76080**	**76180**

3 YEAR WARRANTY

WMW Wiper Motor Kit

Windshield Mount: .375" shaft diameter

- Powers up to 14" x 14" arm/blade combinations
- Water-resistant sealed motor
- Chrome-plated brass case and shaft housing
- Stainless steel front plate and wiper shaft
- Maximum current draw: 2A
- Shaft diameter: .375"
- For external use in open cabin boats
- Dimensions: 4.25" L x 2.75" W x 3.5" D

Kit includes:

- WMW wiper motor
- 11.5" Deluxe stainless steel curved blade (33004)
- Deluxe adjustable (6.75" to 10.5") stainless steel arm (33006AS)

Description	Voltage	Sweep	Part #	OEM #
2.5" Shaft	12V	80°	**30000**	—
2.5" Shaft	12V	110°	**30002**	—

3 YEAR WARRANTY

STD Wiper Motor Kit

Windshield Mount: .375" shaft diameter
Deck Mount: .5" shaft diameter

- Deck Mount version includes deck mount adapter kit (33000)
- Powers up to 14" x 14" arm/blade combinations
- Corrosion-proof aluminum alloy case with black crackle finish
- Base & mounting plates are chrome plated naval brass
- Maximum current draw: 2A
- 80° or 110° adjustable sweep, adjustable right or left self-parking
- Shaft diameter: .375" windshield mount, .5" deck mount
- Dimensions: 3.875" L x 2.25" W x 3.5" D

Kit includes:

- STD wiper motor (recommended for interior installations only)
- 11.5" Deluxe stainless steel curved blade (33004)
- Deluxe adjustable (6.75" to 10.5") stainless steel arm (33006AS)

Description	Voltage	Sweep	Part #	OEM #
2.5" Shaft	12V	80°	—	**32000**
		110°	—	**32002**
3.5" Shaft	12V	80°	—	**32001**

3 YEAR WARRANTY

500 Wiper Kit

Windshield Mount: .5" shaft diameter

Kit includes:

- 500 Waterproof wiper motor
- 11.5" Deluxe stainless steel curved blade (33004)
- Deluxe adjustable (6.75" to 10.5") stainless steel arm (33006AS)

Description	Voltage	Sweep	OEM #
2.5" Shaft	12V	80°	**30004**
2.5" Shaft	12V	110°	**30005**

Hand-operated Wiper Blade

- Chrome-plated brass handle
- Includes stainless steel 7-1/2" to 12" adjustable wiper arm, 11" blade, and all parts for installation
- Economical—an inexpensive alternative to wiper motor kit
- Requires 7/16" diameter hole for installation
- Can be installed up to 7/8" thick material
- For use on flat windshields only

Description	Part #	OEM #
Full Kit	**31000**	—
Replacement Blade	—	**30005**

Wiper Arms

Wiper arms are available in Deluxe and Premier styles and the primary construction material in all wiper arms is stainless steel. The Deluxe arms are used on Standard and Heavy-Duty motors. When choosing arms (and blades) it is very important to use only the recommended lengths for the motor that you are using.

The arms are available in a wide range of sizes, in both black and stainless-steel finish, and regular and pantographic models. Pantographic arms use a set of two arms joined together to give a flatter and somewhat wider sweep pattern. The Deluxe arms are available in a polished stainless-steel finish or a black powder-coated finish. Premier arms are the top of the line product in this category, utilizing heavy-duty stainless-steel tubing and components, and they can only be used with the Heavy-Duty motors.

Premier arms are also available as "wet arm" versions, with the water hose and sprayer nozzle built into the wiper arm. All that is needed is a water delivery system that the arm can be tied into. For those wanting a windshield washer system for the Deluxe arms, there is a complete washer kit system that is made especially to fit the Deluxe arms.

Wiper Arm Compatibility Chart

| Style | Wet/ Dry | Length (adjustable) | Color | Material | Part # | OEM # | Motor Compatibility Chart | | | | |
							2.5	3000	1.5	1000	MRV
Premier											
single	wet	15"–20"	stainless	stainless	33084W	33184W	✔	✔	✔	—	✔
single	wet	20"–25"	stainless	stainless	33086W	33186W	✔	✔	—	—	—
pantographic	dry	12"–17"	stainless	stainless	33090	33190	✔	✔	✔	—	✔
pantographic	dry	17"–22"	stainless	stainless	33092	33192	✔	✔	—	—	max 20"
pantographic	dry	22"–26"	stainless	stainless	33094	33194	✔	✔	—	—	—
pantographic	wet	12"–17"	stainless	stainless	33090W	—	✔	✔	✔	—	✔
pantographic	wet	17"–22"	stainless	stainless	33092W	33192W	✔	✔	—	—	max 20" ≤ 80"
Deluxe Adjustable											
single	dry	6.75"–10.5"	stainless	stainless	33006A	33106A	✔	✔	✔	✔	✔
single	dry	10"–14"	stainless	stainless	33007A	33107A	✔	✔	✔	✔	✔
single	dry	14"–20"	stainless	stainless	33010A	33110A	✔	✔	✔	max 18" ≤ 80° max 16" @ 110°	✔
single	dry	10"–14"	black	stainless	33012A	33112A	✔	✔	✔	✔	✔
single	dry	14"–20"	black	stainless	33014A	33114A	✔	✔	✔	max 18" ≤ 80° max 16" @ 110°	✔
single	dry	18"–24"	black	stainless	33070A	33170A	✔	✔	—	—	max 22"
Deluxe Pantographic											
pantographic	dry	12"–17"	black	stainless	33032A	33132A	✔	✔	✔	—	✔
pantographic	dry	17"–22"	black	stainless	33037A	33137A	✔	✔	✔	—	✔

Premier Stainless Steel Pantographic Dry Arms

- Heavy-duty component design for use with most Marinco® motors
- Stainless steel construction
- Features "articulating/ bend back" design that locks arm in upright position for windshield cleaning
- Motor shaft mount with notched teeth

Pantographic

Style	Wet/Dry	Length (adjustable)	Color	Material	Part #	OEM #
pantographic	dry	12"–17"	stainless	stainless	33090	33190
pantographic	dry	17"–22"	stainless	stainless	33092	33192
pantographic	dry	22"–26"	stainless	stainless	33094	33194

Pantographic wiper arms will only function properly with wiper motor sweep angles 80° or less

Premier Stainless Steel Wiper Wet Arms

- Heavy-duty component design for use with most Marinco® motors
- Features "articulating/ bend back" design that locks arm in upright position for windshield cleaning
- Built-in wet arm system that allows for a clean and easy installation of a washer system
- Black PVC hose runs up the center of the arm and ends in an adjustable four-nozzle fixture that is an integral part of the wiper arm itself

Style	Wet/ Dry	Length (adjustable)	Color	Material	Part #	OEM #
single	wet	15"–20"	stainless	stainless	33084W	33184W
single	wet	20"–25"	stainless	stainless	33086W	33186W
pantographic	wet	17"–22"	stainless	stainless	33092W	33192W

Pantographic wiper arms will only function properly with wiper motor sweep angles 80° or less

Deluxe Adjustable Wiper Arm

- All arms are stainless steel
- Arm has "articulating/ bend-back" feature
- Motor shaft mounting has additional set screw clamping

Style	Wet/Dry	Length (adjustable)	Color	Material	Part #	OEM #
single	dry	6.75"–10.5"	stainless	stainless	33006A	33106A
single	dry	10"–14"	stainless	stainless	33007A	33107A
single	dry	14"–20"	stainless	stainless	33010A	33110A
single	dry	10"–14"	black	stainless	33012A	—
single	dry	14"–20"	black	stainless	33014A	33114A
single	dry	18"–24"	black	stainless	33070A	33170A

Deluxe Adjustable Pantographic Arm

- For Use with 2.5, 1.5 and MRV Motors
- Stainless steel
- Arm has "articulating/ bend-back" feature
- Motor shaft mounting has additional set screw clamping

Style	Wet/Dry	Length (adjustable)	Color	Material	Part #	OEM #
pantographic	dry	12"–17"	black	stainless	33032A	33132A
pantographic	dry	17"–22"	black	stainless	33037A	33137A

Wiper Blade Selection Charts

Step 1: Find the type and part number of wiper arm you have along the left side of the chart.

Step 2: Follow along to the right until you match up with the type and length of wiper blade you want.

Step 3: The bold number is the part number and the lighter number is the OEM number (if available).

Deluxe Blades

	Color/ Material	Stainless/ Stainless								Black/ Stainless			
Length		12"	14"	16"	18"	20"	22"	24"	26"	12"	14"	16"	18"
Premier Wiper Arms	**Single Arm**												
33084W 33184W	wet	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33086W 33186W	wet	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
	Pantograph Arm												
33090 33190	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33090W 33190W	wet	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33092 33192	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33092W 33192W	wet	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33094 33194	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33094W 33194W	wet	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
Deluxe Wiper Arms	**Single Arm**												
33006A 33106A	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33007A 33107A	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33010A 33110A	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33012A 33112A	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33014A 33114A	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33070A 33170A	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
	Pantograph Arm												
33032A 33132A	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B
33037A 33137A	dry	**34012S** 34112S	**34014S** 34114S	**34016S** 34116S	**34018S** 34118S	**34020S** 34120S	**34022S** 34122S	**34024S** 34124S	**34026S** 34126S	**34012B** 34112B	**34014B** 34114B	**34016B** 34116B	**34018B** 34118B

Pantographic wiper arms will only function properly with wiper motor sweep angles 80° or less

Wiper Blades

EXPANDED OFFERING

Deluxe and Hybrid wiper blades are offered in different sizes and styles to fit all the different types of wiper arms. Standard styles have plastic frame construction and marine grade rubber squeegees.

Deluxe blades have stainless steel frame construction and high-end silicone rubber squeegees. This style has a multiple frame construction, allowing for equal pressure of the entire length of the blade and silicone rubber squeegees that are durable and create a smoother wiping motion.

Hybrid blades are designed from a multi-material construction of an electro coated galvanized steel frame, with a durable polycarbonate shell. This along with a graphite-coated natural rubber squeegee make this an excellent marine grade construction.

For maximum performance of all blade styles, replacement of wiper blades is recommended every 6 months.

NEW

Deluxe Blades (cont) Black/ Stainless (cont)				Hybrid Blades Black/ Polymer						
20"	22"	24"	26"	12"	14"	16"	18"	20"	22"	24"
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B	32022B 32122B	32024B 32124B
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B	32022B 32122B	32024B 32124B
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	80° only	80° only	80° only		
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	80° only	80° only	80° only		
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B	32022B 32122B	80° only
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B	32022B 32122B	80° only
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B	32022B 32122B	32024B 32124B
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B	32022B 32122B	32024B 32124B
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B				
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B		
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B	32022B 32122B	32024B 32124B
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B		
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B	32022B 32122B	32024B 32124B
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B	32022B 32122B	32024B 32124B
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B		
34020B 34120B	34022B 34122B	34024B 34124B	34026B 34126B	32012B 32112B	32014B 32114B	32016B 32116B	32018B 32118B	32020B 32120B	32022B 32122B	32024B 32124B

Deluxe Stainless Steel Wiper Blades

- Works well on curved or flat windshields
- All stainless steel construction
- Marine grade silicone squeegee

Length	Color	Material	Part #	OEM #
12"	stainless	stainless	**34012S**	**34112S**
14"	stainless	stainless	**34014S**	**34114S**
16"	stainless	stainless	**34016S**	**34116S**
18"	stainless	stainless	**34018S**	**34118S**
20"	stainless	stainless	**34020S**	**34120S**

Length	Color	Material	Part #	OEM #
22"	stainless	stainless	**34022S**	**34122S**
24"	stainless	stainless	**34024S**	**34124S**
26"	stainless	stainless	**34026S**	**34126S**

Length	Color	Material	Part #	OEM #
12"	black	stainless	**34012B**	**34112B**
14"	black	stainless	**34014B**	**34114B**
16"	black	stainless	**34016B**	**34116B**
18"	black	stainless	**34018B**	**34118B**
20"	black	stainless	**34020B**	**34120B**

Length	Color	Material	Part #	OEM #
22"	black	stainless	**34022B**	**34122B**
24"	black	stainless	**34024B**	**34124B**
26"	black	stainless	**34026B**	**34126B**

Hybrid Wiper Blades **NEW**

Hybrid Multi-Material Construction. Electro coated galvanized steel frame, with durable polycarbonate shell.

- Designed for maximum flexibility to conform to all windshield shapes
- Marine grade construction will not rust or corrode
- Graphite-coated natural rubber squeegee for optimal wipe quality and durability
- Streamlined shape for reduced wind-lift
- Performance-tested to 500,000 cycles

Durable polycarbonate shell

Electro coated galvanized steel frame

Graphite-coated natural rubber
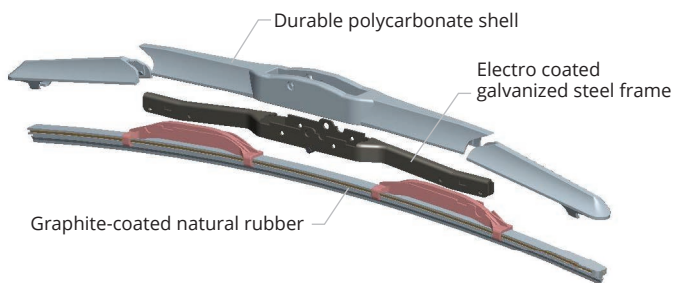
Length	Color	Material	Part #	OEM #
12"	black	hybrid	**32012B**	**32112B**
14"	black	hybrid	**32014B**	**32114B**
16"	black	hybrid	**32016B**	**32116B**
18"	black	hybrid	**32018B**	**32118B**
20"	black	hybrid	**32020B**	**32120B**

Length	Color	Material	Part #	OEM #
22"	black	hybrid	**32022B**	**32122B**
24"	black	hybrid	**32024B**	**32124B**

Classic Stainless Steel Straight Wiper Blades

- Replaces most standard blades in boats made before 1990
- Hook and catch style

Length	Color	Material	Part #
11"	stainless	stainless	**33901**
14"	stainless	stainless	**33919**

Note: NOT for use with currently offered arms

Add-On Windshield Washer Kits

- Can be used on new or existing Deluxe wiper arm and blade sets
- Kit includes parts to outfit two (2) wiper arms
- Sprayer fittings (kit includes two) each have four (4) adjustable brass nozzles to provide maximum spray coverage for most any windshield
- Plastic parts are numbered to make installation easy

Complete Kit

Includes:

- Water tank with mounting bracket
- 12V pump motor
- Under deck tee fitting
- Thru deck fitting and hardware
- Below deck clear tubing (16')
- Above deck black tubing (6')
- Large and small rivet clips
- Wiper arm clips
- Sprayer fittings with clamps

Description	Part #	OEM #
Complete Kit	**33505**	**33515**
Below Deck	—	**33513**
Above Deck	—	**33517**

Below Deck Kit

Includes:

- Water tank with mounting bracket
- 12V pump motor
- Under deck tee fitting
- Thru deck fitting and hardware
- Below deck clear tubing (16')

Above Deck Kit for One Small Arm

Includes:

- Small rivet clip
- Wiper arm clips
- Sprayer fitting with narrow clamp
- Thru deck fitting
- Above deck black tubing (6')

Intelligent Wiper Switch

Microcontroller based "intelligent" switch provides all necessary wiper motor functions in one small component.

- Settings for two (2) continuous speed functions and three (3) intermittent speed functions (2-, 4-, or 8-second delay)
- Washer system operation function
- Blinking LED lights in switch indicate operating function
- Works with 12V or 24V DC motors
- Fits standard switch size openings, requires 2.65"/67.5 mm depth
- Includes one (1) ten pole connector with female pins and two (2) female quick-connects

Description	Part #	OEM #
Single Motor	**76030**	**76130**

HORNS

Hidden Horns

83

Marinco®, the inventor of the first below-deck horn offers a complete line of below deck horn products.

Compact Horns

89

Marinco compact electric horns feature a low profile design and a lower frequency which provides a deeper sound.

Electric Trumpet Horns

88

Classic design electric trumpet horns feature a lower frequency which provides a deeper sound.

Air Trumpet Horns

89

Classic design, featuring solid brass construction with a non-corrosive LEXAN polycarbonate diaphragm.

Marinco® Horns

Marinco is the leading supplier of horns to the marine industry, with over fifty years of experience in designing and manufacturing sound devices specifically for use in harsh marine environments. Stainless steel is used for all critical components such as trumpets, motor cover, diaphragms, and assembly and mounting hardware. In the case of the XLP trumpet horns, the horn is given extra protection through the complete over-molding of the internal motor cover housing. It is this extra process that provides the added protection needed to back up the five-year warranty.

Marinco offers a complete line of marine horn products designed to meet almost any need, including electric and air trumpet horns, compact horns, electric and air below deck horns, and a comprehensive line of drop-in horns with a wide assortment of grill options. After developing the first below deck horn for the marine industry in the late 1980's, the offering of that product line has continued to expand.

- **Meets the ABYC Regulation #A23 for boats up to 12 meters**
- **Meets the U.S. Coast Guard's C.O.L.R.E.G.S. and U.S. Inland Navigation Rules, Annex III Regulations for boats up to 20 meters**
- **Listed in the NMMA's Certification Program Type Accepted**
- **Horns are set at a lower frequency to provide greater range as the sound travels across the water**

Marinco Horn Relative Loudness Comparison Chart
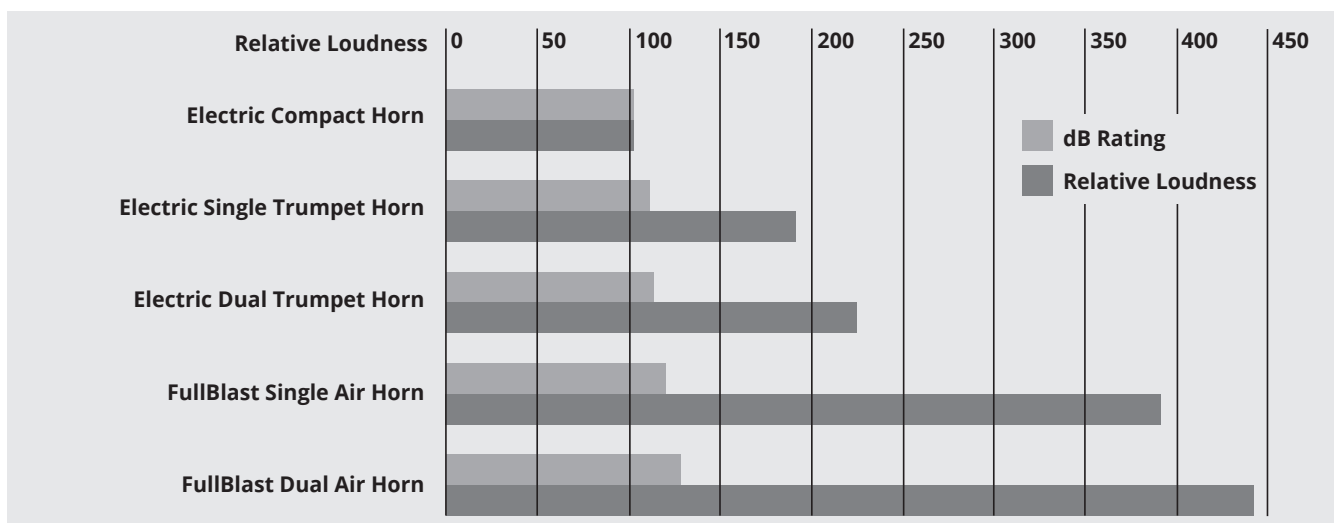
TECH TIP

EMI and Horns

In order to operate, an electric horn rapidly makes and breaks an electric circuit. This operation creates electromagnetic disturbance, which may cause electrical "noise" in communications equipment. Because a horn is only used temporarily, any interference in electronic equipment is stopped when the horn is turned off.

The International Marine Certification Institute (IMCI), which certifies boats to the European Community Regulations (CE), has determined that boats using electric horns can comply with CE requirements on electromagnetic compatibility provided the above message is given to the boat owners in their manual.

Marinco®, the inventor of the first below deck horns, offers a full line of below deck horn products. Concealed horns utilize an upright horn installation and a large grill opening to offer greater sound volume. Drop-in Hidden Horns use a fabric lined grill for water-resistant installations. The concealed trumpet horns are all air horns and provide the maximum amount of sound available in a below deck horn installation.

Marinco's Drop-in Hidden Horns combine a number of desired features into one unit including:

• Simple, drop-in installation
• Stylish snap-on grill with water-resistant fabric
• Authentic marine sound
• Easy aftermarket retrofit

Important: Please note the space requirement dimensions on some of the below deck models to ensure there is adequate room on the interior of the mounting area to house the horn assembly. Concealed horn models require a minimum 45° mounting angle to ensure proper drainage.

Low Profile Hidden Horn

With Black and White Grills

• New louder dB(A) rating: 111 at one meter
• Fundamental frequency: 360±20Hz
• 12V DC
• Easy installation: 2.75" diameter hole x 1" deep
• Maximum amp draw: 4A
• Comes with both white ASA and black ABS screw-in grills
• Grills have water resistant fabric liners
• Mounts from the outside, grill screws on for easy install
• Easy retrofit

Part #   10080

((**Lower Frequency for a Deeper Sound**))

Without Grill

• Same as 10080 without grill
• When purchasing bulk version, grill must be ordered separately

OEM #   11080

Grills for Low Profile Hidden Horn

• Water resistant fabric liner
• Screw-in
• 4" from hole to hole

Type	Color	Vertical Style OEM #	Horizontal Style OEM #	Dimensions
Screw-in	White ASA	**11080SC-W**	**11187**	5.25" x 3.375" x .75"
	Off-White ASA	—	**11194**	5.25" x 3.375" x .75"
	Black ABS	**11080SC-B**	**11188**	5.25" x 3.375" x .75"
	Stainless Steel	**11080SC-SS**	—	5.25" x 3.375" x .75"

Vertical Style ASA/ABS

Vertical Style Stainless Steel

Horizontal Style

Stainless Steel Grill Cover

• Horizontal style grill design
• Installs over plastic horizontal style grills (11187, 11194, or 11188)
• Installation requires plastic grill
• Grill dimensions: 5.3125" W x 3.4375" H x .875" D

OEM #   11196   Stainless steel grill
OEM #   11096   Kit (includes: stainless steel grill cover and plastic screw-in grill (11187))

Drop-in Hidden Horns

With Black and White Grills

- dB(A) rating: 107 at one meter
- Fundamental frequency: 370±20Hz
- 12V DC
- Internal space requirements: 2" H x 3.375" W x 3.25" D
- Maximum amp draw: 4A
- Comes with both black ABS and white ASA snap-in grills
- Distinctive marine horn sound
- Enclosed sound unit
- Easy installation or retrofit, mounts from the outside

Part #   **10079**

Enclosed without Grill

- Same as 10079 without grill
- When purchasing 11079, grill must be ordered separately

OEM #   **11079**

((**Lower Frequency for a Deeper Sound**))

Without Grill

- dB(A) rating: 105 at one meter
- Fundamental frequency: 430±20Hz
- 12V DC
- Internal space requirements: 2.25" H x 3.625" W x 3.5" D
- Maximum amp draw: 3A
- Mounts from the outside, horn grill snaps on for easy installation
- Easy retrofit
- Grill must be ordered separately

OEM #   **11095**

Grills for Drop-in Hidden Horns

- Water resistant fabric liner
- Choose between snap-in or screw-in.
- 4" from hole to hole

Type	Color	Vertical Style OEM #	Horizontal Style OEM #	Dimensions
Snap-In	White ASA	**11079SN-W**	**11090**	5" x 2.625" x .5"
	Black ABS	**11079SN-B**	**11091**	5" x 2.625" x .5"
	Chrome Plated ABS	**11079SN-C**	**11225**	5" x 2.625" x .5"
Screw-In	White ASA	**11079SC-W**	**11190**	5" x 2.625" x .5"
	Black ABS	**11079SC-B**	**11191**	5" x 2.625" x .5"
	Chrome Plated ABS	**11079SC-C**	**11226**	5" x 2.625" x .5"
	Stainless Steel	**11079SC-SS**	—	5" x 2.625" x .5"

Vertical Style ASA/ABS

Vertical Style Stainless Steel

Horizontal Style

Stainless Steel Grill Cover

- Installs over screw-in plastic grill
- Requires plastic screw-in grill for installation
- Grill dimensions: 5.0625 W x 2.75 H x .5 D

OEM #   **11124**   Stainless steel grill
OEM #   **11024**   Kit (includes: stainless steel grill cover and plastic screw-in grill

Under Deck Horn

- dB(A) rating: 110 at one meter
- Fundamental frequency: 420±20Hz
- 12V DC
- Dimensions: 4" W x 3.625" H x 5.75" L
- Permanently mounted grill to protect against water intrusion
- Available with and without 2-way weather pack connector pigtail

OEM # 11044 Horn with Pigtail
OEM # 11045 Horn without Pigtail

((Lower Frequency for a Deeper Sound))

Mini Hidden Horn

- dB(A) rating: 105 at one meter
- Fundamental frequency: 430±20Hz
- 12V DC
- Dimensions: 3.25" W x 1.75" H x 3" L
- Maximum amp draw: 3A
- Type 304 stainless steel diaphragm
- This horn is not designed for installation in exposed areas

Part # 10031
OEM # 11031

((Lower Frequency for a Deeper Sound))

With Grill Bracket

- Same horn motor as 11031 but includes grill mounting bracket
- Grill must be ordered separately

OEM # 11034

Grills for Mini Hidden Horn 11034

- Screw-In
- Black ABS version includes gasket for watertight seal
- 4" from hole to hole

Type	Color	Vertical Style OEM #	Horizontal Style OEM #	Dimensions
Screw-In	Black ABS	**11034SC-B**	11168	5" x 2.625" x .375"
	Stainless Steel	**11034SC-SS**	11088	5" x 2" x .25"

Vertical Style
ASA/ABS

Vertical Style
Stainless Steel

Horizontal
Style

Electronic Horn

With White Grill

- 107 dB(A) at one meter
- Fundamental frequency: 550±100Hz
- 12V DC
- Internal space requirements: 2.25" W x 2.25" H x 2" D
- Grill dimensions: 4.875" W x 2.75" H x .5"D
- Draws less than one amp, maximum draw: 0.8A
- Electronic piezo horn sound
- One piece water resistant housing, grill is molded to horn
- Mounts in a standard 2.25" opening
- Stainless steel grill cover 11185 sold separately

Part #   **10082**

Stainless Steel Grill Cover for Electronic Horn 10082

- Grill dimensions: 4.9375" W x 2.8125" H x .5" D
- 4" from hole to hole

OEM #   **11185**

Concealed Single Mini Air Horn

- dB rating: 126 at one meter, 1/3 octave band
- Fundamental frequency: 630±15Hz
- 12V DC
- Internal space requirements: 13" H x 5" W x 3.75" D
- Air compressor dimensions: 2.625" D x 5" L
- Maximum amp draw: 20A
- Solid brass construction
- Includes compressor, air tubing, fittings, and hardware
- Grill must be ordered separately

OEM #   **11059**

Stainless Steel Grill for 11059

- Dimensions: 4.6875" H x 4.6875" W

OEM #   **11064**

Concealed Dual Trumpet Air Horn

- dB rating: 121 at one meter, 1/3 octave band
- Fundamental frequency: 375±15/315±15Hz
- 12V DC
- Internal space requirements: 10" W x 18.5" H x 3.75" D
- Air compressor dimensions: 5" L x 2.625" D
- Maximum amp draw: 20A
- Solid brass construction
- Can be mounted side by side with dual grill 11066 or separately with two single grills 11064
- Includes compressor, air tubing, fittings, and hardware

OEM #   **11058**

Stainless Steel Grill for 11058

- Dimensions: 9.375" W x 4.6875" H

OEM #   **11066**

MiniBlast™ Compact Electric Horns

- dB(A) rating: 106 at one meter (3 feet)
- Fundamental frequency: 430±20Hz
- 12V DC
- Dimensions: 4.375" L x 3.375" W x 2" H
- Maximum amp draw: 3A
- Long lasting, non-corrosive ASA plastic cover
- Sealed sound unit with stainless steel diaphragm
- Mounts in same hole pattern as the 10035 horn

| White | Part # | 10099 | OEM # | 11099 |
| Black | Part # | 10098 | OEM # | 11098 |

10099

10098

((Lower Frequency for a Deeper Sound))

Mini Compact Electric Horn

- dB(A) rating: 106 at one meter
- Fundamental frequency: 430±20Hz
- 12V DC
- Dimensions: 3" L x 3.25" W x 1.75" H
- Maximum amp draw: 3A
- Totally sealed sound unit
- Type 304 stainless steel cover, diaphragm, mounting bracket

Part #   10035
OEM #   11035

((Lower Frequency for a Deeper Sound))

Mini Twin Electric Horn

- dB(A) rating: 109 at one meter
- Fundamental frequency: 490±20/430±20Hz
- 12V DC
- Dimensions: 3" L x 8" W x 1.75" H
- Maximum amp draw: 6A
- Type 304 stainless steel covers, diaphragms, and mounting bracket

Part #   10001
OEM #   11001

((Lower Frequency for a Deeper Sound))

International Shorty Horn

- dB(A) rating: 123 at one meter
- Fundamental frequency: 310±20 Hz
- 12V DC
- Dimensions: 4.25" L x 5" W x 6.5" H
- Maximum amp draw: 4A
- Stainless steel diaphragm and mounting bracket
- ABS, triple chrome-plated housing

Part #   10036

Single Trumpet Electric Horn

- dB(A) rating: 118 at one meter
- Fundamental frequency: 370±20Hz
- Dimensions: 16.5" L x 4" W x 4.75" H
- Maximum amp draw: 5A
- 100% stainless steel exterior
- Type 304 stainless steel diaphragm

12V	**Part #**	**10028XLP**	**OEM #**	**11028XLP**
24V	**Part #**	**10017XL**	**OEM #**	**11017XLP**	Max amp draw: 2.5A

((Lower Frequency
for a Deeper Sound))

5 YEAR
WARRANTY

Dual Trumpet Electric Horn

- dB(A) rating: 123 at one meter
- Fundamental frequency: 370±20/310±20Hz
- Dimensions: 18.5" L x 8" W x 5" H
- Maximum amp draw: 10A
- 100% stainless steel exterior
- Type 304 stainless steel diaphragm

12V	**Part #**	**10029XLP**	**OEM #**	**11029XLP**
24V	**Part #**	**10018XL**	**OEM #**	**11018XLP**	Max amp draw: 2.5A

5 YEAR
WARRANTY

Compact Single Trumpet Electric Horn

- dB(A) rating: 110 at one meter
- Fundamental frequency: 420±20Hz
- 12V DC
- Dimensions: 14" L x 3.5" W x 4" H
- Maximum amp draw: 3.5A
- Compact design makes it easier to install in smaller spaces
- 100% stainless steel exterior
- Type 304 stainless steel diaphragm

Part # **10010**

((Lower Frequency
for a Deeper Sound))

Compact Dual Trumpet Electric Horn

- dB(A) rating: 115 at one meter
- Fundamental frequency: 420±20/370±20Hz
- 12V DC
- Dimensions: 16" L x 7.5" W x 4" H
- Maximum amp draw: 7A
- Compact design makes it easier to install in smaller spaces
- 100% stainless steel exterior
- Type 304 stainless steel diaphragm

Part # **10011**

All of our air horns produce sound levels ranging between 120dB and 127dB, which means all of our air horns meet the ABYC and NMMA regulations for boats up to 20 meters/66 feet. Both 12V and 24V compressors are CE listed.

Single Trumpet Mini Air Horns

- dB rating: 126 at one meter, 1/3 octave band
- Fundamental frequency: 630±15Hz
- Dimensions: 9.5" L x 3.5" W x 3.5" H
- Maximum amp draw: 20A (12V DC)
- Solid brass construction with non-corrosive LEXAN® polycarbonate diaphragm
- Includes compressor, air tubing, fittings, and hardware

| Chrome Plated | Part # 10107 | OEM # 11107 |
| White Epoxy Coated | Part # 10104 | OEM # 11114 |

Air Compressor included

Dual Trumpet Mini Air Horns

- dB(A) rating: 127 at one meter, 1/3 octave band
- Fundamental frequency: 630±15/525±15Hz
- Dimensions: 9.5" L x 5" W x 3.75" H
- Maximum amp draw: 20A (12V DC)
- Solid brass construction with non-corrosive LEXAN® polycarbonate diaphragm
- Includes compressor, air tubing, fittings, and hardware

Chrome Plated   Part # 10108

Air Compressor included

Single Trumpet Air Horns

- dB rating: 120 at one meter, 1/3 octave band
- Fundamental frequency: 315±15Hz
- Dimensions: 17" L x 3.75" W x 3.75" H
- Maximum amp draw: 20A (12V DC), 10A (24V DC)
- Solid brass construction with non-corrosive LEXAN® polycarbonate diaphragm
- Includes compressor, air tubing, fittings, and hardware

| 12V | Part # 10105 | OEM # 11115 |
| 24V | Part # 10524 | |

Air Compressor included

Dual Trumpet Air Horns

- dB rating: 121 at one meter, 1/3 octave band
- Fundamental frequency: 375±15/315±15Hz
- Dimensions: 17" L x 7" W x 3.75" H
- Maximum amp draw: 20A (12V DC), 10A (24V DC)
- Solid brass construction with non-corrosive LEXAN® polycarbonate diaphragm
- Includes compressor, air tubing, fittings, and hardware

12V, Chrome Plated	Part # 10106	OEM # 11106
12V, White Epoxy Coated	Part # 10122	
24V, Chrome Plated	Part # 10624	
24V, White Epoxy Coated	Part # 12224	OEM # 22224
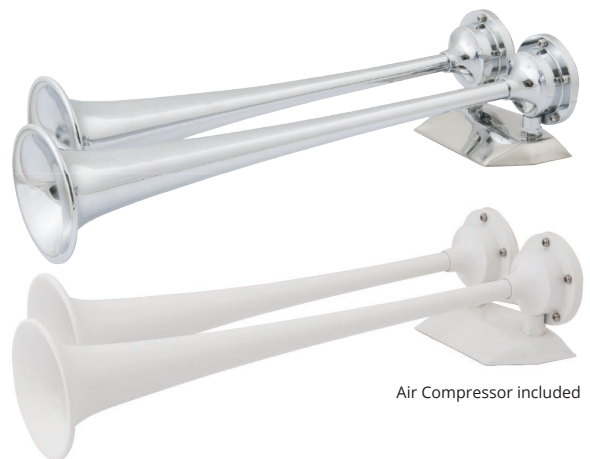
Air Compressor included

Air Compressor

- Replacement compressor fits all Marinco® and AFI™ Air Horns
- Maximum amp draw: 20A (12V DC), 10A (24V DC)
- Produces 9–11 PSI
- Dimensions: 2.625" D x 5" L
- Includes mounting bracket

| 12V | OEM # 10102 |
| 24V | OEM # 10224 |

LEXAN® is a registered trademark of Sabic Innovative Plastics IP B.V., Netherlands

LIGHTING

Precision Wireless Controlled Spotlight

92

Controlled by wireless remote control. Provides 370° sweep and 120° tilt. Designed for harsh marine environments, it is moisture, salt, and vibration resistant.

IP67 Stainless Steel Spot/Floodlight

93

Wireless remote communication. Stainless steel construction.

5" Stainless Steel Spot/Floodlight

94

Remote control / joystick operated stainless steel construction.

LIGHTING

IP67 Stainless Steel Spot/Floodlight

93

Features a 7", 12 LED array, and IP67 stainless construction. Creates approx. three times concentrated spot diameter while drawing roughly half the power of comparable halogen spotlights. Wireless communication using mounted bridge or hand held remote.

Deck Lamps

95

State-of-the-art free form lens reflector technology allows for 30% more light output than comparable 55W lamps.

Docking Lights

95

Compact flush mount docking lights for a variety of applications.

Proper lighting is necessary for safety and operational activities aboard vessels.

Precision Wireless Controlled Spotlight

- Universal 12V/24V circuit with bright 100W, H3 halogen bulb
- UV resistant, IP56 Weatherproof ABS housing and Lexan® lens
- O-ring sealed housing, designed for the harsh marine environment – moisture, salt, shock and vibration tested
- Universal snap-in mounting system (can be mounted upside down)
- Super-quiet, all-weather motor with limit stops provides a full range of coverage
- 370° sweep and 120° tilt (75° up and 45° down)
- One-touch auto sweep and S.O.S. function
- Wireless dash mount remote standard; (hard wired & handheld remotes are optional)
- Three-year limited warranty
- Available in white, black and chrome

3 YEAR WARRANTY

Bulb:	100 Watt, H3 Halogen
Power (Input voltage):	12V or 24V
Current draw (idle/in use):	0.03A / 7.0A
Peak Beam Intensity:	210,000 Cp
Peak Beam Distance:	917 ft (280 m)
Lux @ 66' (20 m):	525 Lux
Coverage at 66' (20 m):	132 sq ft (12 sq m)
Rotation:	370° (built in limit stops)
Tilt:	120° Tilt (75° up & 45° down)
Wireless range:	200 ft (65 m)
Dimensions:	7.5"W x 7.5"H x 9.25"D (19 x 19 x 23.5 cm)
Weight:	3.30 lbs (1.5 kg)
Housing material:	UV resistant PC/ASA
Lens material:	UV resistant Lexan®
operating temp range:	5°F–113°F (-15°C–45°C)
IP Rating:	IP56 (see inside back cover)

Spotlights

Description	Color	Part #	OEM #
12V/24V, 100 Watt	white	SPL-12W	—
12V/24V, 100 Watt	black	SPL-12B	—
12V/24V, 100 Watt	chrome	SPL-12C	—
12V, 100 Watt	white	—	SPL-12W.OEM
12V, 100 Watt	black	—	SPL-12B.OEM
12V, 100 Watt	chrome	—	SPL-12C.OEM
24V, 100 Watt	white	—	SPL-24W.OEM
24V, 100 Watt	black	—	SPL-24B.OEM
24V, 100 Watt	chrome	—	SPL-24C.OEM

Replacement Bulbs

Description	Part #
12V, H3 Halogen	202319
24V, H3 Halogen	202320

Remote Options

Part #	SPLR-2 (Included)	SPLR-1 (optional)	SPLR-3 (optional)
Remote Specifications	Wireless Communication Bridge Remote	Hand Held Bridge Remote	Wired Bridge Remote
Power	12V or 24V (hard wired)	CR2450 button cell battery	12V or 24V (hard wired)
Current draw (idle / in use)	negligible	negligible	negligible
Wireless range	200 ft (65m)	200 ft (65m)	—
Estimated battery life	—	> 40 hours (continuous use)	—
Dimensions	3.5"W x 2.25"H x .75"D 88 x 57 x 19 mm	2.0"W x 3.78"H x 1"D 51 x 96 x 25 mm	3.5"W x 2.25"H x .75"D 88 x 57 x 19 mm
Weight	2.12 oz (60g)	2.82 oz (80g)	2.12 oz (60g)
Housing material	UV resistant PC/ASA	UV resistant PC/ASA	UV resistant PC/ASA
Button material	Silicone (glow in the dark)	Silicone (glow in the dark)	Silicone (glow in the dark)
Operating temp range	5°F–113°F (-15°C–45°C)	5°F–113°F (-15°C–45°C)	5°F–113°F (-15°C–45°C)
IP Rating	IP53 (see inside back cover)	IP54 (see inside back cover)	IP53 (see inside back cover)

IP67 Halogen Stainless Steel Spot/Floodlight

- Wireless remote communication
- 316 stainless steel base, 304 stainless steel head
- 350° horizontal, 60° vertical two speed movement

Peak beam intensity	165,000 CP spot
Amp draw	Spot 8.3A, flood 7.5A @ 12V Spot 4.15A, flood 3.75A @ 24V
Power (Input voltage)	12V & 24V
Bulb	H4 halogen
Dimensions	9.875"H x 4.75"W x 8.35"L
Weight	6 lbs.
IP Rating	IP67 (see inside back cover)

Description	Part #
12V Spot/Flood with Remote (22250-R)	**22050A**
12V Spot/Flood Only	**22051A**
24V Spot/Flood with Remote (22350-R)	**22150A**
24V Spot/Flood Only	**22151A**

Remote Options

Part #	22250-R	22350-R	22250-HH
Voltage	12V	24V	12/24V
Power	12V DC	24V DC	Battery: L1028F Alkaline 12V
Remote Specifications	Wireless Communication Bridge Remote		Hand Held Bridge Remote
Wireless range	100 ft (30m)		100 ft (30m)
Dimensions	2.2"W x 3.65"H x 0.9"D		2.25"W x 3.95"H x 1.2"D
Housing material	ASA		ASA
Button material	Silicone (glow in the dark)		Silicone (glow in the dark)

3 YEAR WARRANTY

ø4.49"   8.35"
9.88"   4.72"   5.67"

IP67 LED Stainless Steel Spotlight

- Wireless remote communication
- 316 stainless steel base, 304 stainless steel head
- 350° horizontal, 60° vertical two speed movement

Light Output	92,000 CD
Amp Draw	3A @12V DC 1.5A @24V DC
Power (Input voltage)	12V or 24V DC
# of LEDS	12
Dimensions	9.875"H x 4.75"W x 8.35"L
Weight	11.36 lbs (5.2 kg)
IP Rating	IP67 (see inside back cover)

Description	Part #
12V Spotlight with Remote (23250-R)	**23050A**
12V Spotlight Only	**23051A**
24V Spotlight with Remote (23350-R)	**23150A**
24V Spotlight Only	**23151A**

Remote Options

Part #	23250-R	23350-R	23250-HH
Voltage	12V	24V	12/24V
Power	12V DC	24V DC	Battery: L1028F Alkaline 12V
Remote Specifications	Wireless Communication Bridge Remote		Hand Held Bridge Remote
Wireless range	100 ft (30m)		100 ft (30m)
Dimensions	2.2"W x 3.65"H x 0.9"D		2.25"W x 3.95"H x 1.2"D
Housing material	ASA		ASA
Button material	Silicone (glow in the dark)		Silicone (glow in the dark)

3 YEAR WARRANTY

ø4.49"   8.35"
9.88"   4.72"   5.67"

5" Stainless Steel Spot/Floodlight

- Remote control, joystick operation
- 316 stainless steel base, 304 stainless steel head
- Dual station option available
- Light can be directed manually without damaging motors
- One year warranty

Description	Part #
Spot/Flood Kit	**22040A**
Spot/Flood Only	**22041A**

Spot Power:	72,000 CP
Flood Power:	30,000 CP
Amp Draw:	7A
Operation:	12V Incandescent
Bulb:	Replaceable Incandescent
Lamp Dimensions:	9.5" H x 4.5" W x 7.5" L
Base Dimensions:	5.5" L x 3.5" W
Weight:	6 lbs (2.7 kg)
Joystick requires:	2.75" installation hole

Spot/Flood kit includes joystick control and 15' wiring cable with easy to install plug ends

Replacement Bulb

- 12V Incandescent

Part # 22014-P

70°

350° ROTATION
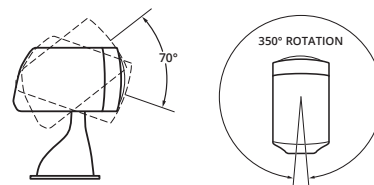
Spotlight Parts & Accessories

Stainless Steel Spot/Flood Parts and Accessories

Part #	Oval Panel	Rectangular Control	Dual Station Control Kit	Replacement Bulb Kit
22040A	22240-R	22208A	22218A	22014-P
22041A	22240-R	22208A	22218A	22014-P

Beamer™ Parts and Accessories

Part #	Control Panel	Dual Station Control Kit	Replacement Bulb Kit	Extension Cable Kit	Wires in Cable
500, 500A	729823-P	729823-P	729493	—	1
501, 501A	729825	729825	729493	—	Wireless
502, 502A	729827-P	729828-P	729493	729528	5
502-1	U-3605	729488	729493	729528	5
502-2	729489	729489	729493	729528	5
503, 503A	729829-P	729830-P	729494	729528	6
503-1	U-3606	729491	729494	729528	6
503-2	—	729492	729494	729528	6

M100 Remote Halogen Spot Parts and Accessories

Part #	Joystick Control	Dual Station Control Kit	Replacement Bulb Kit
22200	22209	22219A	22230-P
22201	22209	22219A	22230-P

Cables

Length	Replacement Male to Male	Extension Male to Female
25 ft	**22011A-P**	—
35 ft	**22012A-P**	22012MA-P

Use with: 22040A, 22041A, 22044, 22045, 22200 or 22201 Lights

Universal Halogen Deck Lamps

State-of-the-art free form lens reflector technology allows for 30% more light output than comparable 55W lamps. Universal mounting brackets and compact size make for easy installation anywhere. Lamp housing is made of UV stabilized plastic and all hardware is 316 chrome plated stainless steel. Includes 12V, 55W halogen bulb and is 24V, 70W compatible.

Bulbs:	Replaceable H3 12V 55W/H3 24V 70W
Dimensions:	3.75" H x 3.375" W x 5.5" L
Mounting Height:	4" with bracket

Part #   ML-005BW/DSP   OEM #   ML-005BW-STC   black
Part #   ML-005WW/DSP   OEM #   ML-005WW-STC   white

Flush Mount Deck Lamp

In addition to our highly popular conventional halogen deck lamps, we now offer a flush mount version. Ideally suited for fiberglass hardtop installations and allows for a very clean and finished installation. Free Form lens reflector technology guarantees maximum output. Lamp is completely waterproof and constructed of impact resistant UV stable plastic. Comes complete with 12V 55W halogen H3 bulb. Also suitable for 24V 70W bulbs.

Bulbs:	Replaceable H3 12V 55W/H3 24V 70W
Dimensions:	3.375" H x 1.5" W x 5.625" L
Cutout:	3" hole

Part #   ML-005NWW

Flush Mount Docking Lights— Convex Lens

Compact flush mount docking lights for a variety of applications. Easy to install through a 2" hole. Ideal for Pontoon and Deck boat docking lamps, spreader lamps or rear docking lamps for motor homes. Features a high performance convex lens with a 12V 37.5W halogen bulb for optimum performance. Available with and without stainless steel frame. Pigtail required.

Bulbs:	Replaceable #893 12V 37.5W Halogen
Dimensions:	ø = 2-1/2" Frame thickness: 7/8" Overall depth: 2-7/8" Mounting depth: 2"
Mounting Depth:	2"

Part #   M051B   With out frame
Part #   M051B-SS   Stainless frame
Part #   11-004-N   Pigtail for M051B and M051B-SS

Flush Mount Docking Lights— Flat Lens

Compact flush mount docking lights for a variety of applications. Easy to install through a 2" hole. Ideal for Pontoon and Deck boat docking lamps, spreader lamps or rear docking lamps for motor homes. Features a high performance free form reflector with a 12V 35W halogen bulb for optimum performance. Available with and without stainless steel frame.

Bulbs:	Replaceable MR16 12V 35W Halogen
Dimensions:	ø = 2-1/2" Frame thickness: 7/8" Overall depth: 2-7/8" Mounting depth: 2"
Mounting Depth:	2"

Part #   M051A   With out frame
Part #   M051A-SS   Stainless frame

Slim Line Docking Light

This slim line docking lamp was specifically designed for flush mount installations on Pontoon boats. Includes low profile, stainless steel mounting bracket and 12V 35W halogen H3 bulb.

Bulbs:	Replaceable H3 12V 35W
Dimensions:	6-7/8" x 2-3/8" x 1-1/2"
Mounting Height	2-1/4" with bracket

Part #   WJ-B2005-A-35W

VENTILATION

Day/Night Solar Vent

100

Day/Night solar vents offer 24-hour ventilation in a compact footprint. The new design can be removed from the deck and features LED lights and additional controls that are accessed from the cabin.

MiniVent 1000

101

The MiniVent 1000 is the smallest and most economical solar vent in the Marinco® line. At just 7" in diameter and approximately 1-3/4" high, the MiniVent 1000 is compact yet effective. This solar powered model is an exhaust vent only.

Air Vent 500 Passive Exhaust Ventilation

101

Marinco offers the AirVent 500 as a non-solar ventilation option that can passively move 600 to 1,000 cubic feet of air per hour in a 15 knot breeze. Marinco's engineering expertise created this vent to be strong, compact and effective.

Cowl Vents

102

Cowl Vents are available in both low profile and standard height contours. These vents are a perfect air intake supplement to solar ventilation, and are also commonly used as a bilge ventilating system with or without a mechanical blower.

Clam Shell Vents

103

Clam shell vents are ideal for ventilation needs where a taller vent would foul lines or restrict crew movement. These vents work well as stern mounted ventilators for engine compartments.

Deck Plates

103

Deck plates are used to attach ventilators to the deck, hatch or hose. These plates create a clean installation and can be used with multiple material thicknesses.

Fans

104

Marinco fans provide cabin comfort by direct wiring into a 12V DC system. Multiple models are available to accommodate different installations.

Properly ventilated vessels provide for a more comfortable environment aboard and eliminates the accumulation of dangerous fumes.

TECH TIP

Ventilation Explained

Maintenance Ventilation

In most climates, boats that have been closed for a period of time will become "stuffy." The temperature differential that develops between the boat cabin and the outdoor environment will cause the humidity level inside the boat cabin to rise. When the humidity level in the closed cabin rises, moisture forms, resulting in mold, mildew and musty air. In these conditions, fabrics, boat electronics and even the boat's fiberglass structure can be damaged. By consistently replacing trapped, stale air in the closed boat with fresh outside air, the humidity equalizes from inside to outside, resulting in effective maintenance ventilation.

Comfort Ventilation

Combining different types of vents, with one vent providing "intake" air flow while another vent provides "exhaust" air flow, creates cross-flow ventilation. A cross-flow ventilation system will make the interior cabin more comfortable and pleasurable because air is constantly moving throughout the cabin. No matter what your boat size or cabin configuration is, you can increase your boating enjoyment with the addition of ventilation.

Safety Ventilation

Most boaters are unaware of the hazards that exist in the boating environment. Any number of serious ventilation problems can occur when a boat is left unattended. And even if you are underway, these problems don't go away. Fumes and gasses, ranging from carbon monoxide to hydrogen gas from battery charging, to gasoline, propane or solvents stored below, are unpleasant, and can sometimes be dangerous. Also, any open flame devices in the cabin require proper ventilation. Ventilation helps to eliminate these hazards by providing constant air circulation resulting in effective safety ventilation.

How Much Ventilation Is Required For Your Boat?

Ideally, the air in the interior of a boat should be circulated once every hour. A typical 30-foot boat contains approximately 800 cubic feet of air. As you will see, our solar powered models can move between 600 and 1,000 cubic feet of air every hour. The general guidelines for providing maintenance ventilation are as follows:

Boat Size	Recommended Ventilation
Up to 24'.	1 Exhaust Vent*
24' to 40'.	1 Exhaust Vent & 1 Intake Vent
40'. and larger	2 Exhaust Vents & 1 Intake Vent

* For effective maintenance ventilation, one vent assumes there will be access for air to get into the cabin (i.e., cowl vent, clamshell vent or louvered panel)

It is important to evaluate the cabin layout of your boat to determine optimal locations for both intake and exhaust ventilation. These illustrations suggest placement for Marinco® solar powered vents and Marinco® passive vents.
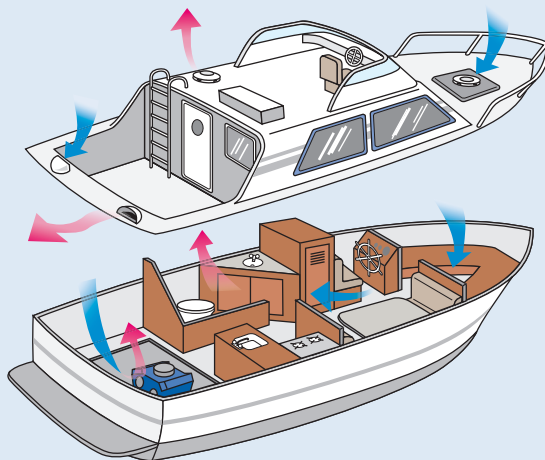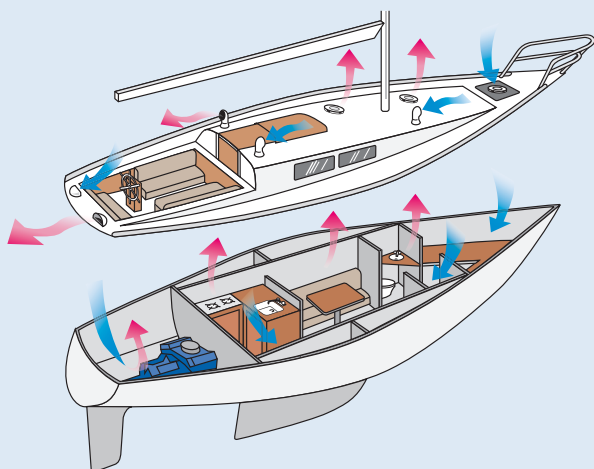
To specifically calculate your boat's air volume, use this simple formula:

A x B x C x 70% = Boat Interior Volume

A Dimension is the interior length (excluding cockpit)
B Dimension is the boat width
C Dimension is the average interior height
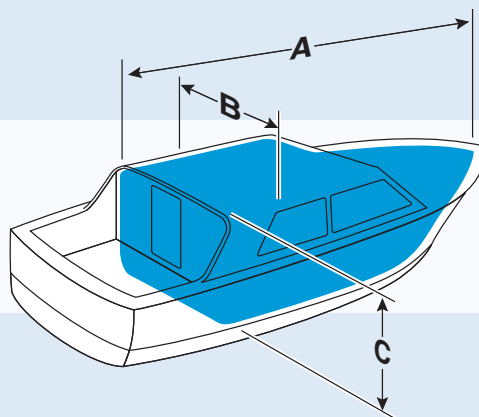
Ventilation Selection Chart

	Airflow Size	Hole Size Diameter	Deck Plate	Mounting Flange Depth	Operation Day	Night	Cubic Feet of Air	Intake	Exhaust
Day/Night	4" 102 mm	4-3/4"	Screw-In (6" Outer Diameter)	2.75"	Solar	Rechargeable Battery Power	1000 ft³/hour 28 m³ 24,000 ft³/day 680 m³	Fan (switch)	Fan
	3" 76 mm	3-3/4"	Screw-In (5" Outer Diameter)	2.75"	Solar	Rechargeable Battery Power	800 ft³/hour 23 m³ 19,200 ft³/day 550 m³	Fan (switch)	Fan
MiniVent 1000	3" 76 mm	3-3/4"	None (Direct to Deck Mounting)	1"	Solar	Passive	700 ft³/hour 20 m³ 5,600 ft³/day 160 m³	Exhaust fan only	Fan
AirVent 500	3" 76 mm	3-3/4"	None (Direct to Deck Mounting)	1"	Passive	Passive	600 ft³/hour 17 m³ In a 15 Knot Breeze	Passive	Passive
Cowl Vents	4" 102 mm	4-3/4"	Snap-In (6" Outer Diameter)	1"	Passive	Passive	—	Passive	Passive
	3" 76 mm	3-3/4"	Snap-In (5" Outer Diameter)	1"	Passive	Passive	—	Passive	Passive

TECH TIP

Vent Installation Explained

Installation

All Marinco® ventilation products include clear, easy-to-understand installation instructions. These instructions address all of the key factors of a professional installation, such as:

- Proper hole measurement and cutting procedures
- Proper deck plate installation
- Use of sealants to waterproof your vent installation
- Installing vents in hatches
- Installing vents in "cambered" or slightly curved decks

Use of interior trim rings to "dress up" the cabin

The high quality level of Marinco Ventilation products must be combined with a sound installation to guarantee that your vent performs in all conditions. Marinco will make sure that your installation will be easy and successful so that you can enjoy the benefits of installation for a long time to come.

Marinco® Ventilation Installation Systems Snap-In Deck Plate Installation

The 12V vent, 12V combo vent and cowl vents use the Marinco Snap-In deck plate system. The snap-in system allows the easy exchange of any snap-in part for upgrading or convenience, as well as the use of a snap-in cover that completely seals the deck plate making it water tight.

Direct-To-Deck Installation

The Day/Night Plus, MiniVent 1000 and AirVent 500 are designed to be installed directly to the deck without the requirement for a deck plate. All of these vent systems have built-in shut-off dampers that operate from below.
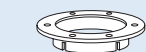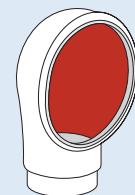
Deck Plate

Deck

Plastic Interior Trim Ring

Day/Night Solar Vent

- Circulates fresh air in boat cabin eliminating mold, mildew and musty air
- Moves 1,000 cubic feet of air/hour or 24,000 cubic feet of air/day (4" model)
- Rechargeable battery allows for 24-hour continuous operation
- No wiring required
- Built-in on/off fan switch, LED lights and intake/exhaust switch
- High capacity NiMh battery operates vent for up to 24-hours without sunlight on a full charge
- Threads into included deck plate and can be removed from outside without tools
- Complete air and green water shut-off from below
- All Day/Night Plus models come complete with white plastic interior trim ring, insect screen, mounting hardware and an easy-to-understand installation manual
- **Replaces NICRO 3" & 4" snap-in deck plates (fits existing holes once snap-in deck plates are removed)**

Description	Part #
3" White	**N20803W**
3" Stainless Steel	**N20803S**
4" White	**N20804W**
4" Stainless Steel	**N20804S**

CE

2 YEAR WARRANTY

Replacement NiMh Battery

- High capacity battery pack
- 4.8V, 2.5 amp-hours
- Replacement battery pack for current Day/Night Vents

Part # **N20890**

Solar Vent Cap

- Includes screw-in watertight cap

Description	Part #
for 3" vents	**N20803CAP**
for 4" vents	**N20804CAP**

Replacement Trim Ring

Description	Part #
for 3" vents	**N20803RING**
for 4" vents	**N20804RING**

Original Day/Night Plus Vent Accessories

Replacement NiMh Battery

- High capacity C-cell battery
- 1.2V, 2.8 amp-hours
- Replacement battery for older Day/Night Plus Vents, as well as, older model PowerVent 3000 and Day/Night 2000 Vents

Part # **N20790**

Gasket Kit

- Includes gaskets and fasteners for both 3" and 4" vents

Part # **202432**

MiniVent 1000

The MiniVent 1000 is the smallest and most economical solar vent in the Marinco® line. At just 7" in diameter and approximately 1-3/4" high, the MiniVent 1000 is compact yet effective. This solar powered model is an exhaust vent only. It will keep the boat cabin cool when you need it most, during the hot sunlight hours. Under solar power, the MiniVent 1000 will move 700 cubic feet of air an hour. At night, even a light breeze will continue to ventilate the boat passively.

Built-in shut-off damper prevents water intrusion in rough seas. Fits a 3-3/4" diameter installation hole. The vent can be retrofitted to an existing hole of up to 6" in diameter. Available in white ABS plastic or stainless steel. Optional stainless steel cover is also available separately.

• Solar powered exhaust ventilation during daylight and passive exhaust at night
• No batteries or wiring required
• Whisper-quiet fan operation
• Durable white ABS construction
• Shut-off damper to prevent water intrusion in rough seas
• Dimensions: 7" diameter X 1-3/4" high
• All MiniVent 1000 models come complete with white plastic interior trim ring, mounting hardware and an easy-to-understand installation manual

Description	Part #
3" White	**N20020**
3" Stainless Steel	**N20030**

Air Vent 500 Passive Exhaust Ventilation

Marinco® offers the AirVent 500 as a non-solar ventilation option that can passively move 600 to 1,000 cubic feet of air per hour in a 15 knot breeze. Marinco's engineering expertise created this vent to be strong, compact and effective. The AirVent 500 is an economical way to provide ventilation in your boat or it can be used in conjunction with other solar powered or 12V vents to create cross flow air circulation.

• Compact size: 7" diameter x 1-3/4" high
• High air flow volume 1,000 cu. ft./hour in a 15 knot breeze
• Strong U.V. stabilized white ABS construction
• Center panel is translucent plastic allowing light to pass through it below deck
• Center damper shuts vent off from below
• Easy installation – attaches directly to deck in compact 3-3/4" diameter hole and can be retrofitted to an existing hole of up to 6" in diameter

Part # N28810

Cowl Vents

Cowl Vents are available in both low profile and standard height contours. These vents are a perfect air intake supplement to solar ventilation, and are also commonly used as a bilge ventilating system with or without a mechanical blower. Marinco® was the first supplier of soft, durable PVC vents that are flexible and safe. For interchangeability, Marinco 4" cowl vent models fit into the same 4" Snap-In deck plates used by the combo and 12V vents (3" or 4" sizes).

- Soft and durable PVC construction returns to original shape if stepped on
- Safer than metal cowl vents – prevents injury and resists snagging lines
- Snap-In vents include deck plate and cover
- 4" models interchangeable with Marinco® Combo and 12V Vent 4" snap-in deck plates
- Marinco adapter accessories make installing below-deck duct hose easy

Snap-In Deluxe
Low Profile PVC Cowl Vent

- White with bright red interior
- Available in 3" or 4" sizes
- 3" size measures 4-1/2" high
- 4" size measures 5-1/2" high
- Includes white Snap-In deck plate and cover

Description	Part #
3"	**N10863**
4"	**N10864**

Snap-In Deluxe
Standard PVC Cowl Vent

- White with bright red interior
- Available in 3" or 4" sizes
- 3" size measures 8" high
- 4" size measures 10" high
- Includes white Snap-In deck plate and cover

Description	Part #
3"	**N10963**
4"	**N10964**

Clam Shell Vents

- Ideal for ventilation needs where a taller vent would foul lines or restrict crew movement
- Work well as stern mounted ventilators for engine compartment
- Can be used for cabin ventilation with dorade boxes
- Flexible PVC construction
- Small clam shell dimensions - Inner : 2-1/2" H x 4-1/2" W x 5" L
  Outer: 2-3/4" H x 6" W x 5-1/2" L
- Large clam shell dimensions - Inner : 3" H x 5-3/8" W x 6" L
  Outer: 3-1/2" H x 7" W x 6-3/4" L
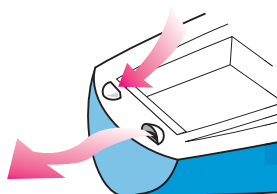
Description	Part #
Small	N10873
Large	N10874

White Snap-In Deck Plate

- Includes Snap-In watertight cover
- Use with any Marinco® Snap-In vent system
- N10863DW requires a 3-3/4" diameter hole cutout
- N10864DW requires a 4-3/4" diameter hole cutout

Description	Part #
3"	N10863DW
4"	N10864DW

Plastic Interior Trim Ring

- Finishes off interior installation of vent
- Can be installed in decks between 1" and 2" thick
- Available in 3" and 4" sizes
- White plastic construction
- **Note: Interior trim rings are not compatible with threaded deck plates**

Description	Part #
3"	N10866
4"	N10867

Thru Bulkhead Hose Adapter

- For termination attachment of hose to bulkhead
- For attaching hose to cowl vent
- Can be used with Snap-In or threaded deck plates
- For use in decks or bulk heads of more than 1" thick

Description	Part #
3"	N10869
4"	N10870

DECK PLATE

THRU BULKHEAD HOSE ADAPTER

BILGE HOSE
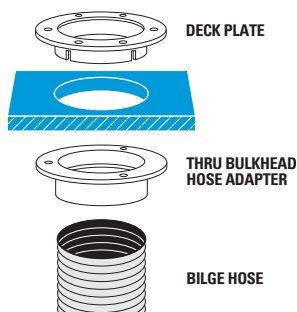
Marine Fan

- 120° adjustable oscillating fan
- Can be set for stationary operation
- Mount on wall, ceiling or dash
- Built-in on/off switch
- Installation hardware included
- 12V DC operation, 1.2A draw
- Translucent fan blades
- 7.5" vinyl-coated fan guard
- Mounting base dimensions: 3.375" L x 1.5" W
- Stands 8" from mounting surface

Part #   900

1 YEAR WARRANTY

Personal Fan

- 180° adjustable swivel fan
- Mount on wall, ceiling or dash
- Built-in on/off switch
- Installation hardware included
- 12V DC operation, 0.5A draw
- Compact design installs anywhere
- Great for windshield defogging
- Base Dimensions: 3" diameter
- Stands 5" from mounting surface

Part #   903-5

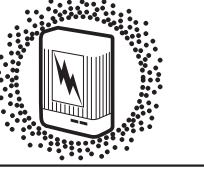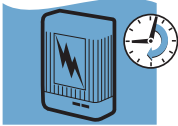**1 YEAR WARRANTY**

Ingress Protection (IP) Ratings Guide
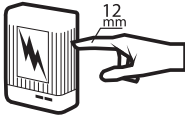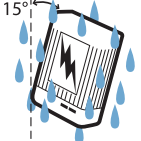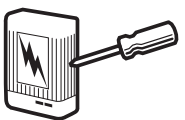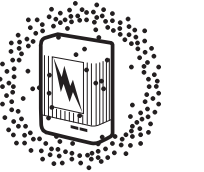
Example:

An IP65 rating can be determined using the adjacent table and example:

- The first number of the rating example, 6, in the gray column means the enclosure is dust tight
- The second number of the rating example, 5, in the blue column means the enclosure is protected against jets of water

The IP rating system was established by the International Electrotechnical Commission (IEC), an organization for international standards and conformity assessment. The IEC collaborates closely with the International Organization for Standardization (ISO). A complete description of the IP ratings and associated tests is found in IEC Publication 529. Although these ratings were initially developed as a way to classify enclosures, they now provide a convenient, practical way to compare levels of sealing. Many electrical products have an Ingress Protection (IP) rating which identifies the environmental factors needing consideration prior to the product's installation.

This is important when deciding when to mount products in a dry and clean environment versus a wet and/or dusty environment. The IP rating indicates the degree of protection provided. The numbers following IP represent levels of sealing and can range from no protection to full protection against dust and water. The table provides a description of the protection at each level.

SOLIDS

1 — Protected against a solid object greater than 50 mm such as a hand.

2 — Protected against a solid object greater than 12 mm such as a finger.

3 — Protected against a solid object greater than 2.5 mm such as a screwdriver.

4 — Protected against a solid object greater than 1 mm such as a wire.

5 — Dust Protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. Two to eight hours.

6 — Dust tight. No Ingress of dust. Two to eight hours.

WATER

1 — Protected against vertically falling drops of water. Limited ingress permitted.

2 — Protected against vertically falling drops of water with enclosure tilted up to 15 degrees from the vertical. Limited ingress permitted.

3 — Protected against sprays of water up to 60 degrees from the vertical. Limited ingress permitted for three minutes.

4 — Protected against water splashed from all directions. Limited ingress permitted.

5 — Protected against jets of water. Limited ingress permitted.

6 — Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.

7 — Protection against the effects of immersion in water between 15 cm and 1 m for 30 minutes.

8 — Protection against the effects of immersion in water under pressure for long periods.

Rating Example:

IP65

INGRESS PROTECTION

Marinco
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ASG
ADVANCED SYSTEMS GROUP
BY BRUNSWICK

MAR_CAT_003_0821