

EMERGENCY Fire Apparatus

Electrical Management for Operational Readiness

Blue Sea Systems electrical products work together to meet the demands of emergency vehicles



Power Conversion
Battery Management
Circuit Protection and Switches
Connectors and Insulators
Meters

The leading marine and mobile electrical companies are working together

ANCOR **BEP** **BLUE SEA** **MARINCO** **MASTERVOLT** **ProMariner™**
SYSTEMS

ALWAYS ONBOARD PROMISE

Quality Products

Engineered for the harsh environments and built to last.

Support

Technical resources are available at www.blueseas.com. Phone support by officers, engineers, and technical staff is available Monday through Friday from 8am to 5pm Pacific Time.

Guaranteed Satisfaction

Engineered products are designed, assembled, and tested in Bellingham and supported for as long as you own them.

Power Conversion



P12 Battery Charger (40A) 7532

A four stage, three output dry mount battery charger designed for use in harsh environments where reliability, ease of use, and high performance are of primary importance. Ignition Protected SAE J1171



P12 Battery Charger LED Remote 7520

Indicates battery charger stage and alerts and controls basic battery charger functions.



BelowDeck™ Panel 4353

Easy to install DC Charging System. Includes an illuminated 15A circuit breaker, 12V socket, and a 2.1A Dual USB Charger.



SureEject 7851

Automatic AC disconnect ejects power cords upon ignition to prevent damage.



Fast Charge 4.8A Dual USB Charger 1039

Easy to install in existing Contura switch aperture providing convenient access for charging mobile devices.

Battery Management



ML Series Automatic Charging Relay 7622

500 AMP magnetic latching (bi-stable) switch provides high-amp switching under load, manually or from remote locations. Ignition Protected SAE J1171



HD Series Battery Switch 3000

Up to 600 AMP continuous rating. Ignition Protected SAE J1171



Automatic Timer Disconnect 7615

Automatically shuts off devices to preserve battery power. 120A continuous with adjustable times from 15 minutes to 4 hours. Ignition Protected SAE J1171



m LVD Low Voltage Disconnect 7635

Senses low battery voltage and disconnects non-critical loads to save power for engine starting. Ignition Protected SAE J1171



Floyd Bell Turbo Series Alarm 1070

Audibly alerts operator.

Circuit Protection



SafetyHub 150 Fuse Block 7748

An ignition protected fuse block with screw termination. It is safe for use on gasoline powered vehicles, reduces wiring connections, and consolidates up to ten fused circuits. Ignition Protected SAE J1171

ATO®/ATC® Fuses (not included)
AMI®/MIDI® Fuses (not included)



ST Blade Split Bus Fuse Block 5032

Common and/or Independent Source (cover included)
 Split fuse block with ground and insulating cover. For use when a mix of switched and 24-hour circuits are desired in the same block.

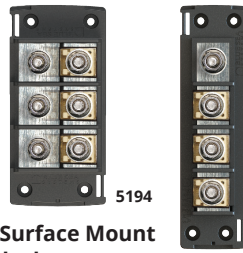
ATO®/ATC® Fuses (not included)



ST Blade Compact Fuse Block 5045

Common Source (cover included)
 Provides surface mount circuit protection in a compact footprint. The single side design allows wire entry from one side to maximise space. Ignition Protected SAE J1171

ATO®/ATC® Fuses (not included)



MRBF Surface Mount Fuse Blocks

5194 Independent Source (cover included)
5196 Common Source (cover included)
 Surface mount fuse blocks consolidated high amperage circuit protection. Ignition Protected SAE J1171 when used with Blue Sea Systems MRBF Fuses

MRBF Fuses (not included)



MAXI® Fuse Block 5006100

Screw termination accepts wire sizes from 18 to 4 AWG. Ignition Protected SAE J1171

MAXI® Fuse (not included)



Safety Fuse Block 7720

Ignition protected for use on gasoline powered vehicles. Ignition Protected SAE J1171

AMI®/MIDI® Fuse (not included)



187 Series Circuit Breaker 7035

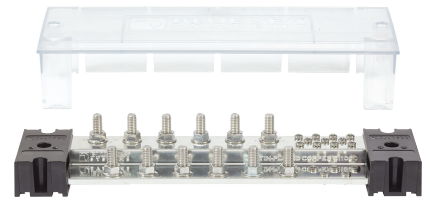
25A to 200A circuit protection when switching and circuit protection are both required. Ignition Protected SAE J1171



Circuit Breaker Mounting Enclosure 3131

For secure installation of circuit breakers.

Connectors and Insulators



PowerBar 1000A Common BusBar 1991

Various size studs and screws to connect a wide range of heavy cables and small wires together.

Meters



DC M2 OLED Digital Monitor 1830

Accurately measure and monitor the state-of-charge of your batteries. Supports programmable shunt ratios.



DC M2 OLED Temperature Monitor 1841

External temperature monitoring for up to four locations from -40°C to 125°C.



MRBF Fuses

Space-saving fuse for 30A to 200A circuit protection. Ignition Protected SAE J1171



MAXI® Fuses

Provides economical branch 30A to 80A circuit protection



AMI®/MIDI® Fuses

Compact fuse for main or branch 30A to 200A circuit protection.



ATO®/ATC® Fuses

3A to 40A fast acting circuit protection.

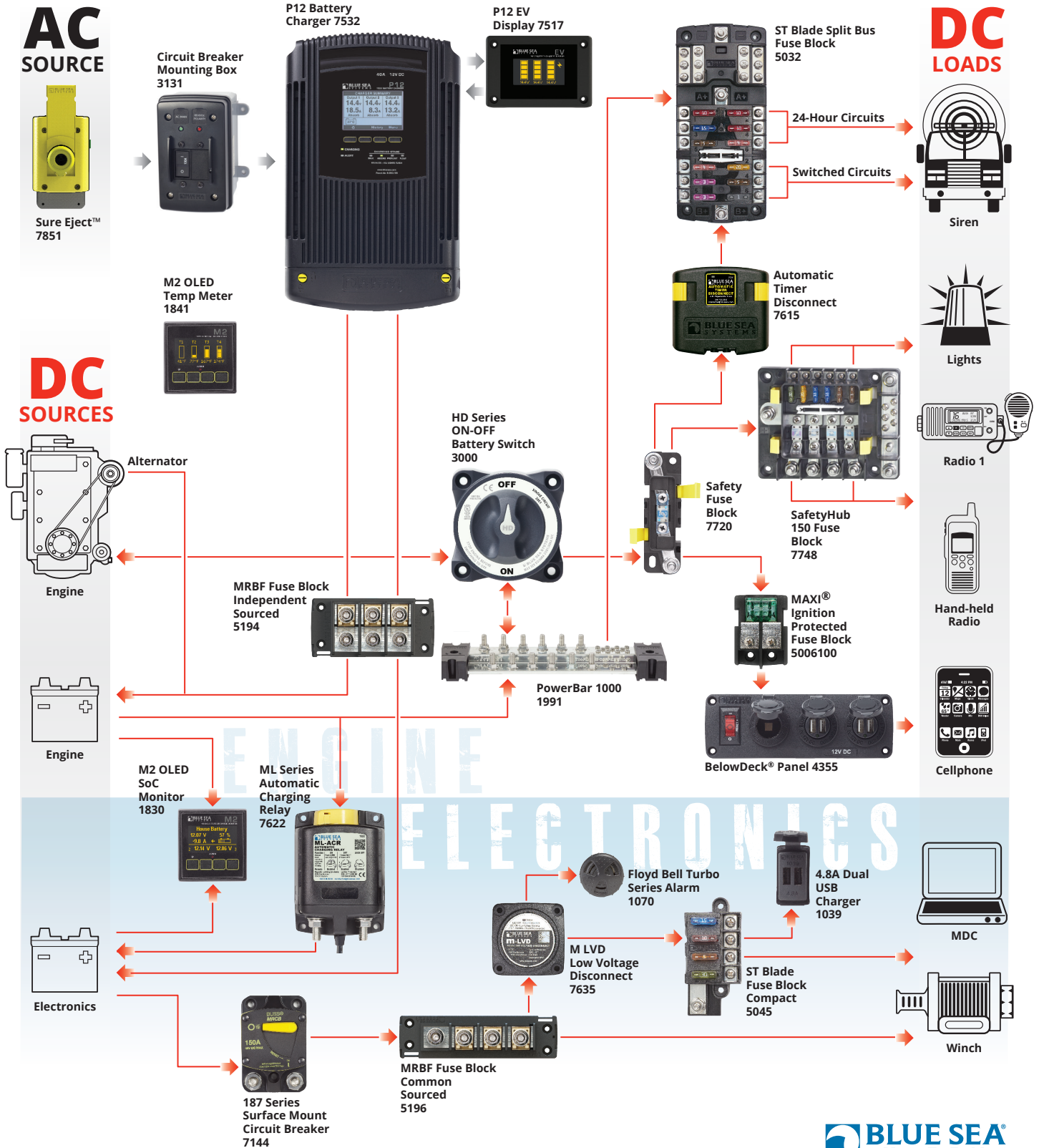


easyID™ ATC® Fuses

3A to 40A fast acting circuit protection. Illuminated blade fuses show when a fuse has blown.

2 Battery Bank 1 Engine

FIRE APPARATUS SYSTEM



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LEGEND

AC Current
 DC Current

The diagram above is intended for reference only. Consult an electrical professional for system design and circuit protection.