

CONTURA SWITCH

WEATHERDECK

TRADITIONAL METAL

360 PANEL SYSTEM

VESSEL SYSTEMS MONITOR

ML-SERIES



BATTERY MANAGEMENT

FUSES AND FUSE BLOCKS

CIRCUIT BREAKERS

CONNECTORS AND INSULATORS

METERS AND ACCESSORIES

AC SOURCE SELECTION

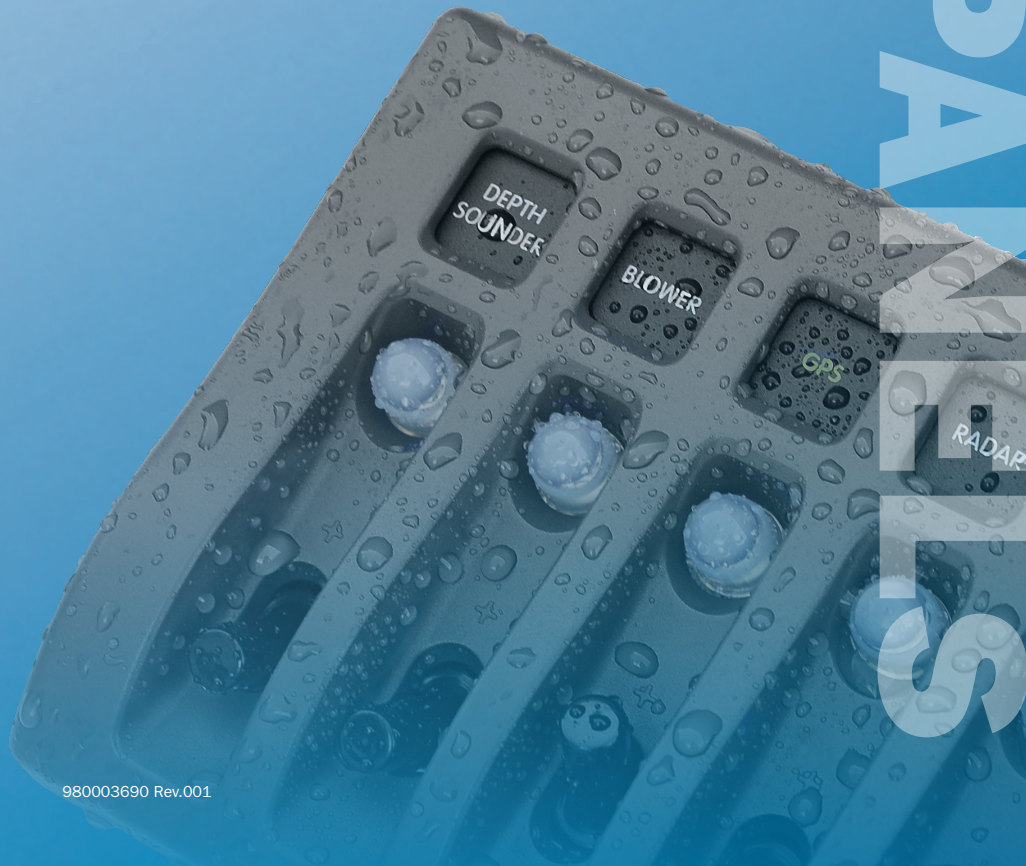
PANEL ACCESSORIES

ELECTRICAL DISTRIBUTION PANEL GUIDE



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980003690 Rev.001





Blue Sea Systems test boat

Electrical Distribution Panels

WHO WE ARE

At Blue Sea Systems, we're active boating enthusiasts who understand the demands of boating. Our engineered products are designed and assembled by experienced specialists in our Pacific Northwest facility. All of our non-electronic products are backed by a lifetime guarantee.

To demonstrate our commitment to quality, Blue Sea Systems is an ISO 9001:2000 certified company, and all Blue Sea Systems marine electrical distribution panels meet American Boat and Yacht Council (ABYC) standards.

ABOUT THIS GUIDE

In this panel guide, you will discover the wide range of Blue Sea Systems stock and custom marine electrical distribution panels. On our Web site, the **Panel Wizard** makes it easy for you to choose from over 100 stock panels, enables you to design a custom solution from the 360 Panel System, and helps you find an authorized Blue Sea Systems dealer. Visit panelwizard.blueseasystems.com for more information about our panel offerings, and explore the rest of the Web site to learn about the selection of other innovative products from Blue Sea Systems.

ABOVE DECK PANELS

Contura Switch Waterproof Panels



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WeatherDeck™ Waterproof Panels



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Traditional Metal Panels



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360 Panel System



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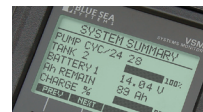
COMPONENTS FOR PANELS

Durable 3-Layer Labels



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Contura Switch Waterproof Panels

Ranger R29

RUGGED DESIGN FOR WET ENVIRONMENTS

Panel front is rated IP66*
Protected against powerful water jets

Using industry standard Contura switches, the Blue Sea Systems Contura Switch Waterproof Panels are designed to perform above deck, as well as complement any interior.

Fuse models are available in a classic grey finish, and circuit breaker models are available in white or black.



Ranger R29

photo courtesy of Ranger Tugs



Circuit Breaker Model



Fuse Model

circuit positions:

model	positions
circuit breaker	3, 4, 6, 8
fuse	1, 3, 4, 6, 8

voltage rating: 12 or 24V DC

total panel rating: 45A

ON indication: LED in switch

labels:

model	format
circuit breaker	small
fuse	large

*circuit breaker model only

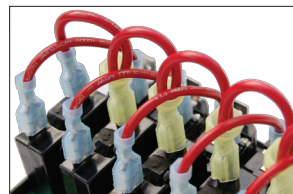
to find the right panel go to panelwizard.blueseas.com



Carling Contura switches match common helm station switches



Integrated LEDs provide immediate indication of ON or OFF



Tin-plated wire and connectors resist corrosion



Aluminum panel is chemically treated front and back and painted to resist corrosion



WeatherDeck™ Waterproof Panels

Century Boats 2350 Dual Console

DESIGNED FOR EXTREME WEATHER CONDITIONS

Panel front is rated IP67
Protected against immersion up
to 1 meter for 30 minutes

The WeatherDeck™ Panels are Blue Sea Systems' most waterproof panels and their contemporary appearance adds style to today's boats. Available in both fuse and circuit breaker models, with a white or grey finish, the WeatherDeck™ Panels can be mounted in four orientations for maximum versatility.



Century 2350

photo courtesy of Century Boats



Circuit Breaker Model



Fuse Model

circuit positions:

model	positions
circuit breaker	4, 6, 8
fuse	2, 4, 6, 8

voltage rating:

model	rating
circuit breaker	12V or 24V DC
fuse	12V DC

total panel rating: 45A

ON indication:

fuse model tri-colored backlit labels

labels: square format

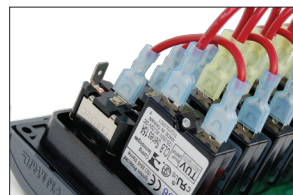
to find the right panel go to
panelwizard.blueseas.com



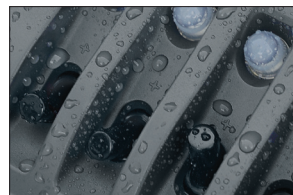
Integrated switch guards reduce the risk of accidental switching



Backlit labels aid circuit identification in low light conditions



Tin-plated wire and connectors resist corrosion



UV-stabilized waterproof boots resist discoloration and cracking



Nordic Tug 54

Traditional Metal Panels

STYLED TO MATCH EXISTING PANELS

The Traditional Metal Panels are equally suited for use as extensions to existing panels or as replacements for existing panels. All are pre-wired and include LEDs in all positions. Choose from over 100 stock panels ranging from simple circuit breaker models to complex multi-source AC configurations.



Nordic Tug 54

photo courtesy of Nordic Tugs



circuit positions: up to 35

voltage rating:

DC	12V, 24V
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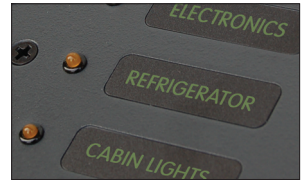
AC	120V, 240V, 230V
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total panel rating:

up to 100A per bus

ON indication: LED

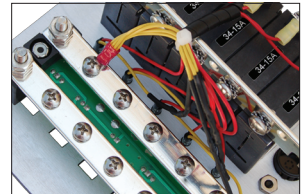
labels: large format



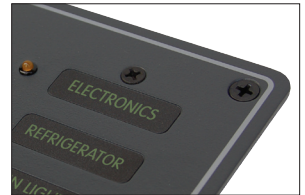
Backlit labels aid circuit identification in low light conditions



LEDs provide immediate indication of ON or OFF



Tin-plated copper bus bars provide maximum conductivity and corrosion resistance



Aluminum panel is chemically treated front and back and painted to resist corrosion

to find the right panel go to panelwizard.bluesea.com





360 Panel System



Sabre 40 Sedan

INNOVATIVE DESIGN MEETS UNRIVALED QUALITY

The 360 Panel System uses modular architecture to mount a broad selection of panel modules, allowing multiple functions to be combined in a single panel. This design can accommodate future changes, and permits rapid assembly and shipping time. With options ranging from battery management to source selection, the 360 Panel System offers unmatched flexibility.



Sabre 40 Sedan

photo courtesy of Sabre Yachts



Custom 360 Panel with DC battery management and multi-source AC functions (over 100 stock panels available)

circuit positions:

- stock panels up to 32
- custom panels up to 80

voltage rating:

DC 12V, 24V

AC 120V, 240V, 230V

total panel rating:

up to 100A per bus

ON indication: LED

labels: square format

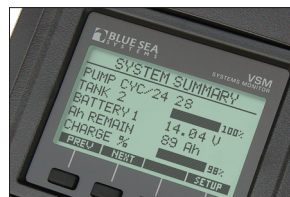
to find the right panel or design your own go to panelwizard.bluesea.com



Backlit labels aid circuit identification in low light conditions



Flat rocker circuit breakers reduce the risk of accidental switching



VSM 422 monitors four vessel systems AC, DC, tank, and bilge



Wide range of modules combines various functions in a single panel





360 Panel System



Panel Frames

	1 x 5 Panel	
	2 x 5 Panel	
	3 x 5 Panel	
	4 x 5 Panel	

	1 x 4 Panel	
	2 x 4 Panel	
	3 x 4 Panel	
	4 x 4 Panel	

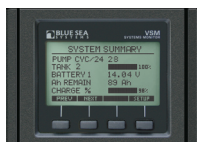
	1 x 3 Panel	
	2 x 3 Panel	
	3 x 3 Panel	
	4 x 3 Panel	

	1 x 2 Panel	
	2 x 2 Panel	
	3 x 2 Panel	
	4 x 2 Panel	
	5 x 2 Panel	

CUSTOM PANEL FLEXIBILITY IN DAYS, NOT WEEKS

Blue Sea Systems knows that an “off the shelf” panel will not meet all needs. A custom panel can be created for your application in a fraction of the time required by a custom panel shop. From a single module to a panel with 80 circuit breakers, we can build a panel for you.

Popular Modules



Vessel Systems Monitor VSM 422



DIN Meter



Digital or Analog Meter



Push Button Circuit Breakers with Rocker Switches



2 Inch Gauge



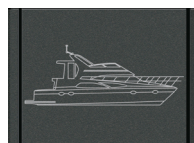
12 Volt DC Sockets



Battery Management



Flat Rocker Circuit Breakers



Pad Printed Blank Module

1 x 1 Panel



4.75" (120.65mm)

4.88" (123.83mm)

1 x 1
2 x 1
3 x 1
4 x 1



Push Button Circuit Breakers



m-Series Battery Switch



Residual Current Circuit Breaker



Medium Duty Push Button Reset-Only Circuit Breakers



Rotary Switch Source Selection



185-Series Circuit Breakers

to find the right panel or design your own go to panelwizard.bluesea.com





SAFE Boats International
38' Apostle Series



The Complete Solution

THE POWER OF INTEGRATED TECHNOLOGY

Innovation and function come together to create a whole-boat solution for power distribution, battery management, and systems monitoring. The versatile 360 Panel System, the proven ML-Series remote battery management products, and the advanced Vessel Systems Monitor VSM 422 are an outstanding way to achieve multi-system control in an attractive and powerful package.



38' Apostle Series

photo courtesy of SAFE Boats International, LLC



to find the right panel or design your own
go to panelwizard.blueseas.com

Standard and Custom Label Options

DURABLE 3-LAYER LABELS FOR ALL PANELS

Blue Sea Systems offers labels with standard and custom text for all panel formats. Custom labels ship rapidly due to an in-house printing facility, and over 500 standard labels are ready to order. All labels are made using a high quality polycarbonate material, waterproof adhesive, and are backprinted for scratch resistance. To order standard labels online or download a custom label order form, go to blueseas.com/labels.

Standard label formats

CABIN LIGHTS

LARGE FORMAT

CABIN LIGHTS

SQUARE FORMAT

CABIN LIGHTS

SMALL FORMAT



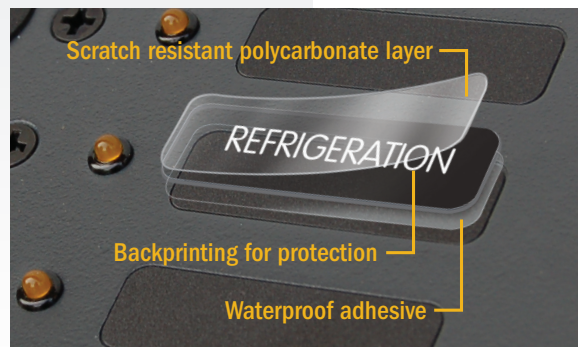
ROUND FORMAT

Custom labels

SISTEMA
DI
ALLARME

誤接続

FÄRSK
VATTENPUMP





VSM 422™ Vessel Systems Monitor

4 METERS IN 1

Monitors AC, DC, tank, and bilge functions

The Vessel Systems Monitor VSM 422 brings powerful technology to the monitoring of AC, DC, tank, and bilge functions, identifying problems before they become emergencies. The VSM 422 saves money and space over four single-function monitors. A mounting kit designed for the 360 Panel System is available separately.

Three intuitive display modes



to design your own panel go to panelwizard.bluesea.com



Ultrasonic tank senders from Blue Sea Systems

used for gasoline (24" tank depth)



used for diesel, water or waste (32" tank depth)



AC Monitor

- Voltage
- Amperage
- Watts
- Frequency

DC Monitor

- Voltage
- Amperage
- Amp-hours remaining
- Battery temperature

Tank Monitor

- Tank levels
- Tank calibration
- Slosh algorithm

Bilge Monitor

- Pump active
- Cycle count
- Cycles per 24 hours



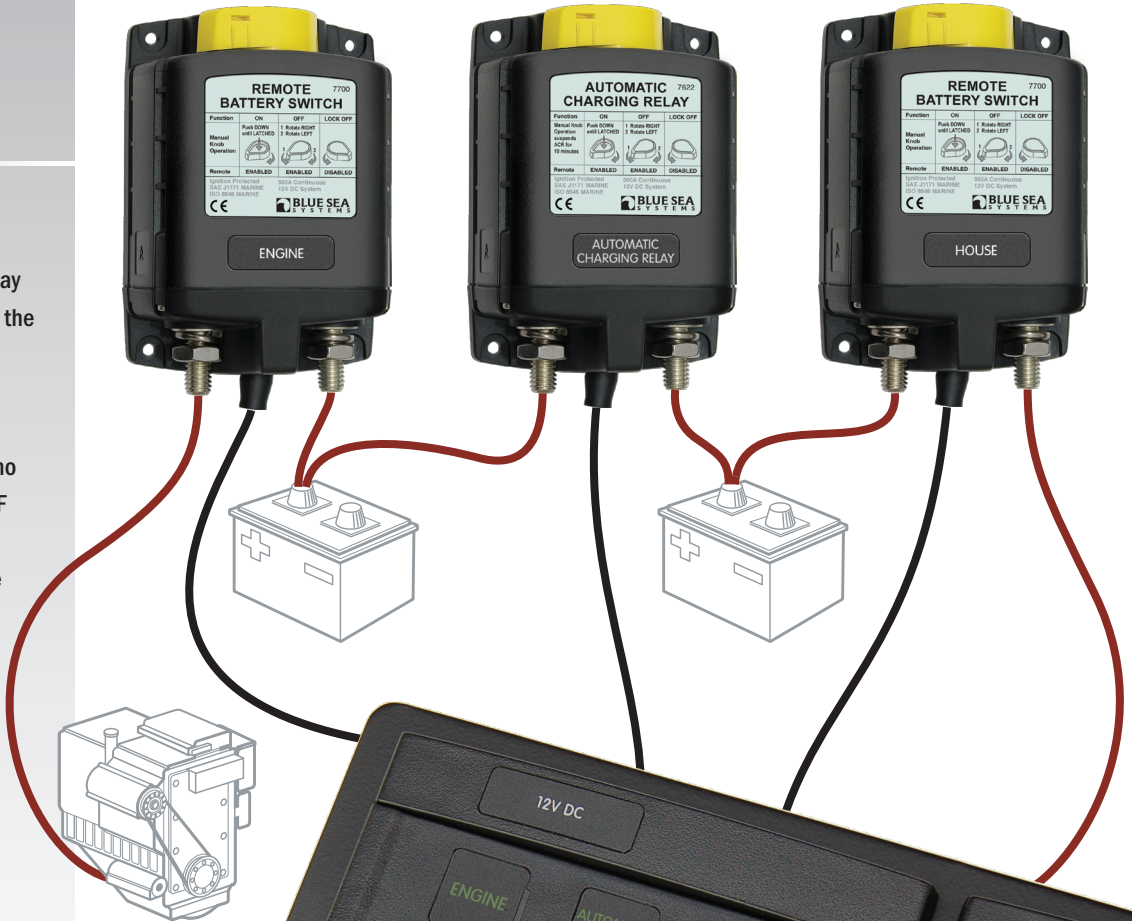


EVERGLADES®

ML SERIES™ Remote Battery Management

ADVANCED BATTERY MANAGEMENT

The ML-Series Remote Battery Switch and Automatic Charging Relay can be located close to the batteries, yet controlled safely from a remote location. The magnetic latching feature draws no current in the ON or OFF state, preventing a continuous drain on the battery. With a 500 ampere continuous rating, the ML-Series can improve battery management in a broad range of boats.



to design your own panel go to panelwizard.blueseas.com



Find the right panel for your boat

The Panel Wizard is your portal for panel information on Blue Sea Systems' Web site. This powerful tool guides your search for the right panel and leads you through the Custom 360 Panel System design process. When you're ready to take the next step, the Panel Wizard helps locate a dealer in your area. Visit panelwizard.blueseasystems.com to explore the array of Blue Sea Systems panels.

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On the Web site, you can also

- Learn more about the hundreds of products offered by Blue Sea Systems
- Use the Circuit Wizard to find information on wire size and circuit protection
- Download product instructions
- Download high resolution product images
- Find technical information and marketing materials
- Order standard labels and print a custom label order form
- Read about product installations, advanced features, and more

Find the right panel

Design your panel

Order your panel

ADDITIONAL PRODUCTS BY CATEGORY

BATTERY MANAGEMENT



m-Series
Battery Switches



e-Series
Battery Switches



HD-Series Battery
Switches



360 Panel System
Battery Management Panels



Traditional Metal
Battery Management Panels



SI-Series
Automatic Charging Relay

FUSES AND FUSE BLOCKS



Terminal (MRBF)



ANL



SEA



Class T



ST Blade-ATO/ATC



ST Glass-AGC/MDL



MAXI



Safety Circuit



Safety Circuit Plus
Remote Battery Switch

CIRCUIT BREAKERS



Push Button Reset-Only



185-Series Thermal



187-Series Thermal



Medium Duty Push
Button Reset-Only



Toggle



Flat Rockers



Residual Current
Circuit Breakers

CONNECTORS AND INSULATORS



Feed Through Terminal



BusBars



PowerPost Connectors



Terminal Blocks



Lugs and Splices



PowerPost Connectors

PANEL ACCESSORIES



Contura Waterproof
Switch



Backlight Board



Toggle Switch

METERS AND METER ACCESSORIES



360 Panel System
2" Round Gauges



DIN Meters



Analog Meters



Digital Meters



Vessel Systems Monitor



Mini Clamp
Multimeter

AC SOURCE SELECTION



Rotary Switches



360 Panel System
Rotary Switch Panels



360 Panel System
Source Selection Panels



Traditional Metal
Rotary Switch Panels



Traditional Metal
Source Selection Panels