



VSM₄₂₂

VESSEL SYSTEMS MONITOR

4 METERS IN 1

1. **DC Systems Monitor**
voltage (up to 3 batteries), amperage, battery state of charge—amp hours remaining, time remaining, % charge, battery temperature, cycle count
2. **AC Systems Monitor**
voltage, amperage, watts, frequency
3. **Tank Monitor** (up to 3 tanks)
gasoline, diesel, water, waste
4. **Bilge Monitor**
bilge pump—active, cycle count, duration/hr, cycle/24 hr

- **Alarms—high and low**
DC—alarms for all values
AC—alarms for voltage, amperage, and frequency
Tank—high and low level alarms for fuel, water and waste
Bilge—alarms for cycles, duration/hr
- **Display—three intuitive modes**
 - multi-line text to monitor all systems at a glance
 - icons for simple visual status
 - large font that can be read from a distance
- **Mounting—versatile case design** offers three mounting options
- **Customization—programmable legends** and adjustable alarm functions

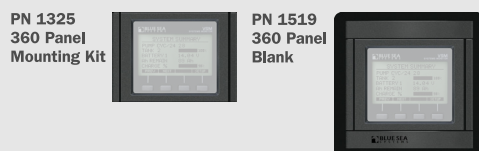
BLUE SEA SYSTEMS ULTRASONIC TANK SENDERS AVAILABLE



PN 1810 used for diesel, water or waste (32" tank depth)

PN 1811 used for gasoline (24" tank depth)

VSM 422 PANEL MOUNTING OPTIONS



PN 1800 Actual size

Replace these 4 meters with the VSM 422



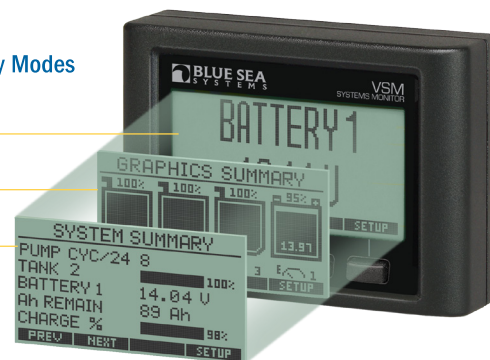
Part Number 1800 | Vessel Systems Monitor

3 Intuitive Display Modes

Large Font

Icon

Multi-line Text



VSM 422

VESSEL SYSTEMS MONITOR

Specifications

DC

Nominal System Voltage	12 or 24V
Operating Voltage	8.5–33.0V
Minimum Current Draw	35mA @ 12V, backlight off 18.8mA @ 24V, backlight off
Voltage Accuracy	+/- 0.5%
Current Range	0–500A
Current Accuracy	+/- 1.0%

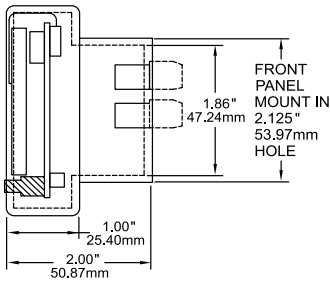
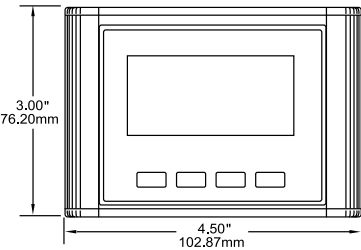
AC

Nominal System Voltage	120V @ 60Hz, North America 230V @ 50Hz, Typical of Europe
Operating Voltage	0–300V
Voltage Accuracy (RMS)	+/- 0.5%
Current Range	0–150A
Current Accuracy (RMS)	+/- 2.0%
Frequency	40–90Hz

Regulatory

CE Marked for E60945 electromagnetic interference

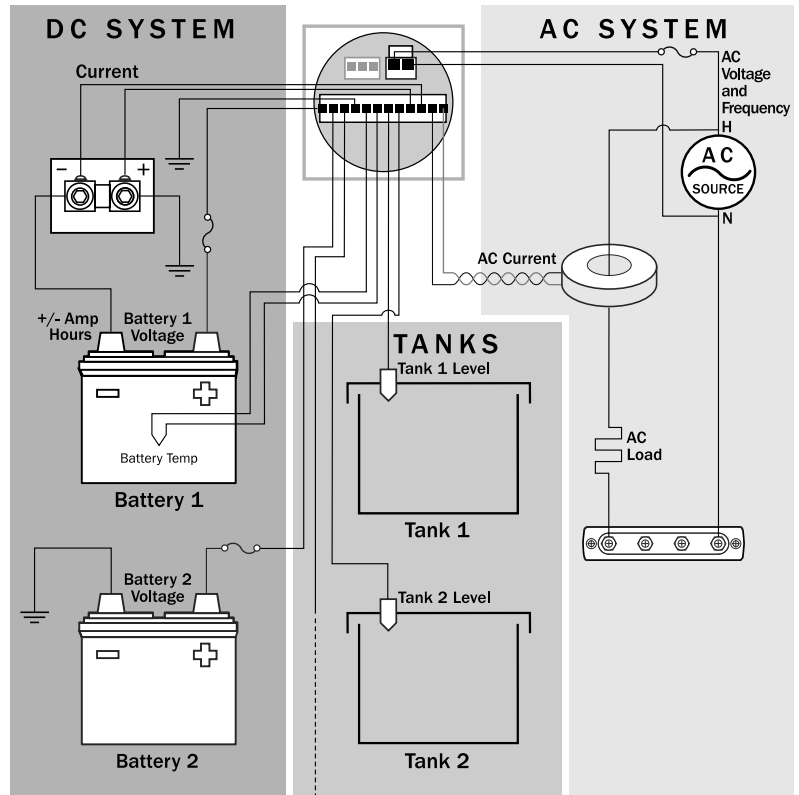
IP67—protected against immersion up to 1 meter for 30 minutes
VSM 422 Surface Mount Gasket creates a waterproof seal on unit face.



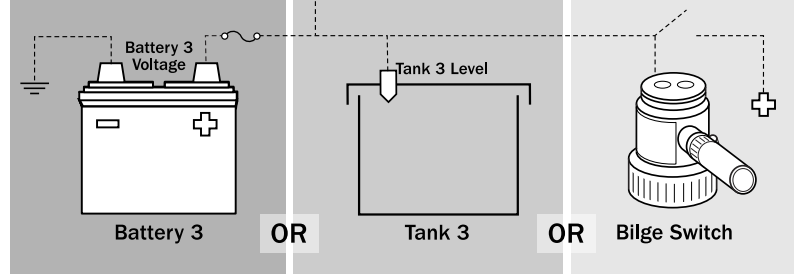
Tank Senders Supported:

- 10 – 180 Ω VDO—Typical of Europe
- 240 – 33 Ω Teleflex—North America
- Blue Sea Systems Ultrasonic Tank Senders (sold separately)
 - for diesel, water, or waste - PN 1810 (32" tank depth)
 - for gasoline - PN 1811 (24" tank depth)

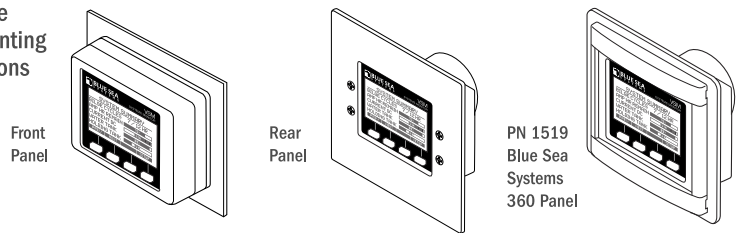
VESSEL SYSTEMS MONITOR



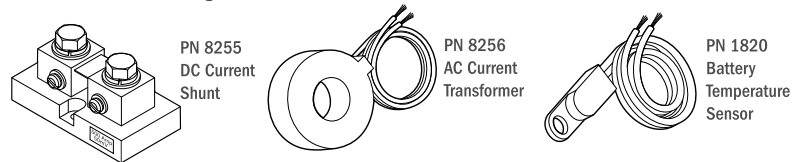
Select one optional input



Three Mounting Options



Included in Retail Packaging: head unit, surface mount bezel, surface mount gasket, DC Current Shunt - PN 8255, AC Current Transformer - PN 8256, Battery Temperature Sensor - PN 1820, connectors and mounting screws



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Specifications subject to change.
See www.blueseas.com for additional information and specifications.