

M2 OLED Digital Meters

The M2 Organic LED Digital **Monitor measures essential** electrical system parameters with adjustable alarms

- Auto-dimming, bright Organic LED display is easy to read
- 80dB alarm on all models
- Isolated 500mA MOSFET relay
- Includes external DC Shunt or AC Current Transformer when required



1830

Display Size	55mm x 28mm
Power Supply Voltage	7V-70V DC*
Range (Power Consumption)	0.3W-1.0W
Regulatory	Monitor face is IP66 - protected against powerful water jet when installed according to instructions

Related Products



AC Current Transformer



Temperature Sensor



Floyd Bell Turbo Series Alarm





DC Shunts



ML-Series Remote Battery Switches







Specs

AC Meters







Functions Monitors cu	meter urrent on two cuits	Voltmeter Monitors voltage on two circuits or both legs of 120/240V	Multimeter Monitors voltage, current, frequency, and power on two circuits or both legs of 120/240V
Functions		circuits or both legs of	frequency, and power on two circuits or both legs of
Voltage			
Accuracy		± 1.0%	± 1.0%
Operating 7V-7	'0V DC	7V-70V DC	7V-70V DC
Range		50V-250V AC (RMS)	50V-250V AC (RMS)
Resolution		1V AC	1V AC
Current			
Current Transformer 1 x Part # 825	66 (150A/50mA)		1 x Part # 8256 (150A/50mA)
Accuracy ± 2	2.0%		± 2.0%
Range 0A-150A (30	00A optional) [†]		0A–150A (300A optional) [†]
Resolution (100 to 150)	1A		1A
Resolution (0.0 to 99.9)	.1A		0.1A
Frequency			
Range			40Hz-90Hz
Resolution	<u> </u>		1 Hz
Power			
Range			0W-45kW
Resolution (0W-9990W)		/-64	10W
Resolution (10kW-45kW)			0.1kW
Alarm/Relay Activation	Current	High and Low Voltage	High and Low Voltage, Current

Tank & Bilge Meters





Part #	1839	1839 1842	
Description	Tank	Bilge	
Functions	Monitors up to 4 tanks	Monitors up to 4 bilges	
Operating	7V-70V DC	7V-70V DC	
Senders	North American, 240Ω –33 Ω European, 10Ω –180 Ω Blue Sea Systems Ultrasonic (1810, 1811) Custom Ranges to 300 Ω	Float switch or pumps with bilge active outputs. Not compatible with "fully automatic bilge pumps"	
Alarm/ Relay Acti- vation	High and Low Level	Run time/hr Cycles/24 hr Average Cycles	
Other	Custom tanks shapes Auto calibration		

M2 OLED Mounting Options







Surface mount Flat panel mount

1525 (meter not included)

Part #	Description	Width in (mm)	Height in (mm)
1525	360 Blank Panel - M2 OLED	4.88 (123.83)	4.75 (120.65)

DC Meters

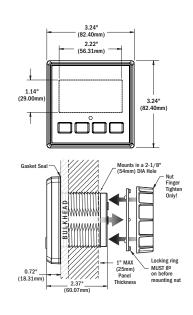






Part #	1830	1832	1833
Description	Multimeter w/SoC	Ammeter	Voltmeter
Functions	Monitors state-of-charge on one battery bank and voltage on three battery banks	Monitors current on two circuits	Monitors the voltage on up to four battery banks
Voltage			
Voltages	12V, 24V, 36, 48V		
Accuracy	± 1.0%		± 1.0%
Operating	7V-70V DC		7V-70V DC
Resolution	0.01V DC		0.01V DC
Current			
Shunt	1 x Part # 8255 (500A/50mV)	1 x Part # 8255 (500A/50mV)	
Accuracy	± 1.0%	± 1.0%	
Range	-500A to 500A	-500A to 500A	
Resolution (100 to 500)	1A	1A	
Resolution (99.9 to 500)	0.1A	0.1A	
Alarm/Relay Activation	High and Low Voltage, High Current,and Low Battery	High Current,	High and Low Voltage

Specifications subject to change. See bluesea.com for current information.





 $^{^\}dagger$ Will achieve 300A with an optional current transformer Part # 1829