

# NEW

## M2 OLED

### DIGITAL MONITORS

### OLED monitor for displaying multiple AC and DC systems

- Measures essential electrical system parameters
- Adjustable Audible Alarms
- Auto-dimming display
- Waterproof seal on the unit face
- MOSFET External Circuit Relay (ECR) controls external circuits (like generators)
- High contrast and resolution
- Visible from wide viewing angle
- Visible with polarized lenses



1830

#### DC State of Charge Monitor

- Accurately measures and monitors State-of-Charge of 1 bank
- Measures 3 voltages and 1 current
- Supports programmable shunt ratios
- External relay activation

#### Related Products



ML-Series Solenoid



Floyd Bell Turbo Series Alarm

Surface mount



Rear mount



360 Panel mount



# M2 OLED DIGITAL METERS



**1830**  
**DC SoC Monitor**  
 Accurately measure and monitor the state-of-charge of your batteries. Supports programmable shunt ratios.

**Voltage Measurement**  
 Voltages 12V, 24V, 48V (Soc)  
 Range 8-70V DC  
 Resolution 0.01V DC

**Current Measurement**  
 Shunt 500A/50mV  
 Range 5000A DC†  
 Resolution (-100 to -500) 1A DC  
 Resolution (-99.9 to +500) 0.1A DC  
 Alarm Low Battery  
 High/Low Voltage  
 High Current

**External Relay Activation**  
 Low Battery,  
 High/Low Voltage  
 High Current



**1832**  
**DC Ammeter**  
 Monitors DC Amperage with large, bright display. Accurately measure and monitor the amperage of your DC system. (measures 2 circuits) Supports programmable shunt ratios.

**Current Measurement**  
 Shunt 500A/50mV  
 Range 5000A DC†  
 Resolution (-100 to -500) 1A DC  
 Resolution (-99.9 to +500) 0.1A DC  
 Alarms/Relay High Current



**1833**  
**DC Voltmeter**  
 Monitors DC Voltage on large, bright display. Accurately measures and monitors the voltage of up to three batteries.

**Voltage Measurement**  
 Range 8-70V DC  
 Resolution 0.01V DC  
 Alarms/Relay High/Low Voltage



**1834**  
**DC Multimeter**  
 Accurately measures and monitors the voltage of two batteries and the current of 1 circuit. Supports programmable shunt ratios.

**Voltage Measurement**  
 Range 8-70V DC  
 Resolution 0.01V DC

**Current Measurement**  
 Shunt 500A/50mV  
 Range 5000A DC†  
 Resolution (-100 to -500) 1A DC  
 Resolution (-99.9 to +500) 0.1A DC  
 Alarm High/Low Voltage  
 High Current

## DC Meters

PN	Description	Measurement	Includes Shunt
1830	DC State-of-Charge	State-of-Charge	500A PN 8255
1832	DC Ammeter	Amperage	500A PN 8255
1833	DC Voltmeter	Voltage	-
1834	DC Multimeter	Voltage, Current	500A PN 8255



**1836**  
**AC Ammeter**  
 Monitors AC Amperage on large, bright display. Supports programmable current transformer ratios. Accurately measure and alarm the amperage of your AC system. (measures 2 independent circuits)

**Current Measurement**  
 Range 300A‡  
 Range 1 (Resolution 0.1A) 0.00-29.9A AC (RMS)  
 Range 2 (Resolution 1A) 30-150A AC (RMS)  
 Alarms/Relay High/Low Current



**1837**  
**AC Voltmeter**  
 Monitors AC Voltage on large, bright display. Accurately measure and monitors the voltage of your AC system. (measures 2 independent circuits or 1 double phase circuit)

**Voltage Measurement**  
 Range 50-250V AC\*  
 Resolution 1V AC  
 Alarms/Relay High/Low Voltage



**1838**  
**AC Multimeter**  
 Monitors AC Amps, Volts, Hzs on large, bright display. Supports programmable current transformer ratios. Accurately measure and monitor AC amperage, voltage and Hz. (measures 2 independent circuits, 1 two phase, and two circuits)

**Voltage Measurement**  
 Range 50-250V AC\*  
 Resolution 1V AC

**Current Measurement**  
 Range 300A‡  
 Range 1 (Resolution 0.1A) 0.00-29.9A AC (RMS)  
 Range 2 (Resolution 1A) 30-150A AC (RMS)

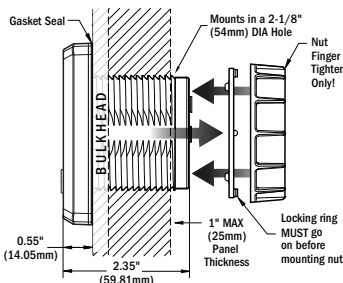
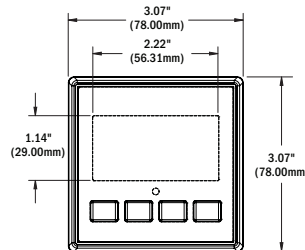
**Frequency Measurement**  
 Range 40-90Hz  
 Resolution 1 Hz

**Power Measurement**  
 Range 1 (Resolution 10W) 0-9990W  
 Range 2 (Resolution 0.1kW) 10-45kW

**Included Current Transformer** 8256  
 Alarms/Relay High/Low Voltage  
 High/Low Current  
 High/Low Frequency

## AC Meters

PN	Description	Measurement	Includes Transformer
1836	AC Ammeter	Amperage	150A PN 8256
1837	AC Voltmeter	Voltage	-
1838	AC Multimeter	Voltage, Current, Frequency	150A PN 8256



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Specifications subject to change.  
 See blueseas.com for current information.  
 980018840 Rev 001

\* Variable with voltage, display intensity, segments illuminated, and sleep mode  
 † 500A with included shunt  
 ‡ 150A with included transformer, 300A with PN 1829 transformer