

Arga Battery Monitor Panel Mount

Predictive Corrosion Detection



The Arga Battery Monitor Panel Mount from Electros witch monitors battery voltage and ground fault detection for DC systems. A LED display identifies alarm conditions in addition to audible alarms. Easily calibrate and set alarm thresholds through the front panel menu.

Alarm functions: battery voltage, ground fault detection, AC power loss, ripple voltage, ripple current, high impedance and predictive corrosion detection.

Remote monitoring and reporting is ideal for multiple and distant locations. The Arga Battery Monitor Panel Mount supports Serial DNP3.0, Modbus and RS485 communications.



Features

- Adjustable alarm threshold set points
- High / low battery voltage alarms
- $\pm$ Ground fault detection with alarm
- AC charger power loss
- High accuracy ± 0.2 VDC
- Open cell / AC charger malfunction alarm

Remote Monitoring and Reporting

- Serial DNP3.0, Modbus, RS485: 2-wire standard, 4-wire optional
- 4 "Form C" dry contact alarm outputs
- Analog current outputs (standard 4 to 20 mA)

Additional Options

- Optional predictive corrosion detection alarm
- Optional handheld ground fault detector
 - Handheld unit with on / off and volume adjust switch
 - LED and audible indicators for detected ground faults
- Optional 19" rack (consult factory)



Handheld ground fault detector

Other Arga Products



Portable Battery Monitor



Single-function digital meters



Voltage, current and frequency transducers

Specifications

Battery Input	50-180 VDC, 3VA (for 125 V battery) 100-360 VDC, 5VA (for 250 V battery) 36-72 VDC, 3VA (for 48 V battery)
Ground Resistors	30.83 K Ω $\pm$ 1% from each bus to ground (for 125 V battery) 60.50 K Ω $\pm$ 1% from each bus to ground (for 250 V battery) 15 K Ω $\pm$ 1% from each bus to ground (for 48 V battery)
Voltage Indication	0 to ± 199.9 VDC in 0.6" bright red LED digits and decimal point. Accuracy is ± 0.2 VDC (125 VDC model).
Alarms	Alarm relays are Form C contacts Relay 1: + ground fault Relay 2: - ground fault Relay 3: high battery voltage Relay 4: low battery voltage, open battery, loss of AC to charger
Standard Outputs	Digital: DNP3.0, Modbus Analog: 4-20 mA
Contact Rating	2A at 120 VAC or 28 VDC, 25 mA at 150 VDC
Voltages	24 VDC, 48 VDC, 125 VDC, 250 VDC
Standard Part Numbers	25-1000-125A for 125 VDC installations 25-1000-250A for 250 VDC installations 25-1000-48A for 48 VDC installations For 19" Rack (single meter) 15-1000-125A-1 for 125 VDC installations 15-1000-250A-1 for 250 VDC installations 15-1000-48A for 48 VDC installations
Size	4.33" W x 4.33" H