## **BATTERY MONITORING UNIT**

BAU48/4

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## **KEY FEATURES**

#### Battery Monitoring, BAU48/4

- Small size box simple installation and add on to controller function
- Easy-to-use and easy-to-wire
- Controls up to 4 battery strings

#### **Description**

The Battery Monitoring Unit 48/4 detects battery backup system failures by comparing the total and the central point voltages in battery strings. Battery cell failures, open circuit or short circuit failures causes voltage changes that activate a preset voltage difference alarm.

The unit can be connected to Vertiv Controllers (SCU, SCU+, ACU, ACU+).





#### **Technical Specifications, BAU48/4**

INPUTS		
Input Voltage, Nominal	40 VDC to 60 VDC, <25 mA	
Battery Input Voltage Measurement	4 inputs, 0 VDC to 60 VDC	
ALARM OUTPUT		
Relay	NO or NC	
Relay Capacity	Max Power: 60 W Max Voltage: 60 VDC Max Current: 2 A	
CONTROL AND MONITORING		
LED	Green - Power ON Red - Fault	
MECHANIAL AND ENVIRONMENTAL PARAMETERS		
Dimensions (H x W x D)	23 × 98 × 76 (mm) / 0.9 × 3.9 × 3.0 (inches)	
Weight	0.2 kg / 0.4 lbs	
Operating Temperature Range	-10°C to 50°C / -14°F to 122°F	
Relative Humidity	95%	
Accessories	4 battery fuses, 5A	

### **Ordering Information**

PRODUCT CODE	DESCRIPTION
BAU48/4	Battery monitoring unit



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