



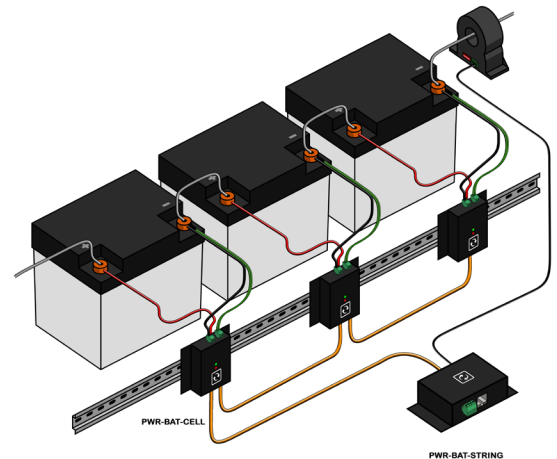
## Battery Monitoring System (PWR-BAT-STRING) + (PWR-BAT-CELL)



PWR-BAT-STRING



PWR-BAT-CELL



### General Description

Industrial grade battery monitoring system designed for monitoring lead acid, lithium-ion or nickel battery blocks and strings.

### Key Features

- plugs into the base unit (BASE-WIRED)
- powered by the base unit for up to 15 batteries
- fused power and measurement circuit for protection
- battery, rack, wall or DIN rail mountable (PWR-BAT-CELL)
- OU rack, DIN rail or wall mountable (PWR-BAT-STRING)
- alerts via SNMP trap, email, SMS or voice calls
- wired or optionally wireless
- integrates via Modbus TCP, SNMP, JSON or XML through the Base unit
- CE and RoHS compliant.
- can block ripple interference from UPS
- Isolation - 1500 VDC
- female terminal lug connector
- monitors the Total Voltage and Total Current
- monitors the min and max Voltage, Temperature, Impedance, and State of Charge for each battery block
- (optional) RS485 output
- (optional) MQTT version available to connect it to a cloud of your choice

### Technical Specifications

Power source	SensorGateway(BASE-WIRED) for up to 15 batteries		
Power usage	500 mW per device		
Optional version	PWR-BAT-STRING-485 (with RS485 support)		
<b>PWR-BAT-STRING</b>	<b>Measurement Range</b>	<b>Accuracy</b>	<b>Resolution</b>
Total string current	0-300A	± 0.5%	0.07A
<b>PWR-BAT-CELL</b>	<b>Measurement Range</b>	<b>Accuracy</b>	<b>Resolution</b>
Terminal voltage	1-65V	± 0.5%	2%
Battery temperature	-55~+125°C / -67 ~+257 °F	± 0.5°C / 0.9 °F	0.1°C / .18 °F

### Environmental and Physical Specification

Operating temperature range	0°C to +75°C (32°F to +167°F)
Operating humidity range	< 90% rH (non-condensating)
Dimensions	PWR-BAT-STRING (150mm x 88mm) PWR-BAT-CELL (80mm x 60mm)