



BATTERY MONITORING SYSTEM

TECHNICAL SPECIFICATIONS



MODEL NO: MB2408

Our Battery Monitoring System (BMS) offers protection, reliability and economic advantage to battery power storage systems. The system is a smart and flexible product thanks to its well-engineered innovative design. It is suitable to be used for any type of rechargeable batteries and specifically engineered around the latest lithium-Ion technology.

Power Supply Voltage	7V - 36V
Power Consumption	1W<
Number of Isolated Channels	8 ** Each channel is allocated to a battery cell
Communication Protocol	Modbus RTU
Communication Connector Type	RJ45
Channel Voltage Range	0 - 60V
Isolation Voltage	-300V to 300V
Operating Temperature	0 - 70C (Temperature is monitored)
Over-Voltage Alarm Relay	1 (The contact will stay closed as long as the fault is present)
Under-Voltage Alarm Relay	1 (The contact will stay closed as long as the fault is present)
Charge is Required Relay	1 (When the voltage is low, contact will be closed until the voltage reaches to the charged voltage)
General Alarm Relay	1
Suitable For	0.5V - 300V Battery Packs (The channels can be combined to measure higher voltages)
Battery Type	Any (including Lithium-Ion, Lead Acid, Cadmium based)
Measurements	Voltage, Impedance & Ambient Temperature
Dimensions (wxhxd)	106mm X 90mm X 63mm
Accuracy	0.1%
Input Impedance	>1MΩ