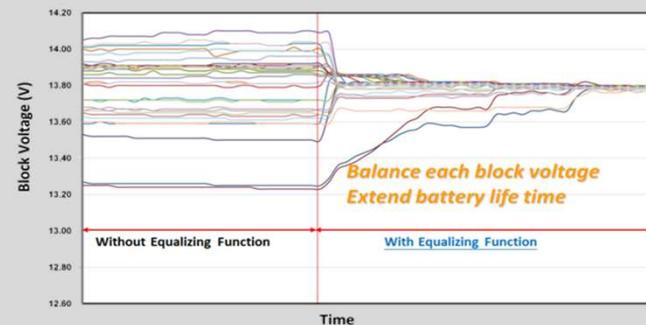
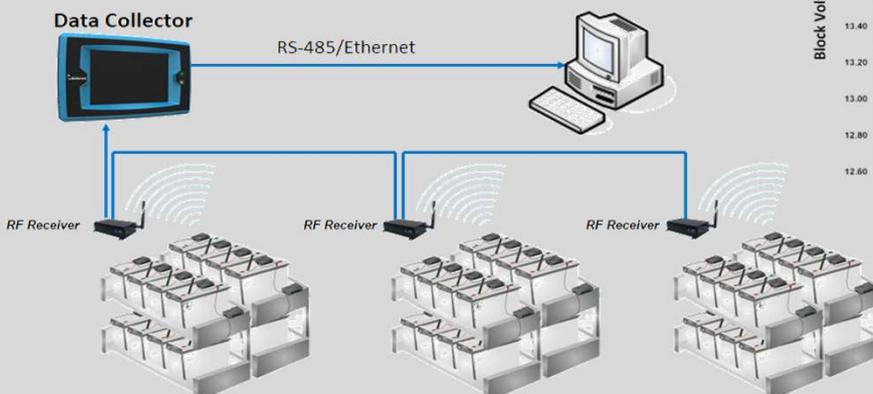


Enerbatt 3G Battery Monitoring System



- RF 2.4GHz, Wireless Communication Technology
- Easy Installation: Save Installation Costs
- 24/7 Online and Real Time Monitoring: Block Voltage, Block Impedance, Temperature, String Voltage & Current
- Equalize Block Voltage to Extend Life Time of the Batteries.
- Advanced Operations Interface: 7" Color LCD Touch Screen
- Built in SD Storage Memory Card for Battery History Database up to 16GB
- Color Bar/Curve Diagrams
- Alarm via E-mail & Dry Contact
- Ethernet/RS-485 for Remote Monitoring



Specifications

Model

BMS-DC-LCD II (Data Collector)

Display	7" Graphic LCD Touch Screen
Input Power Supply	12V _{DC}
Power Consumption	≤ 9W
Communication Ports	Ethernet x 1, RS-485 Modbus RTU x 1 Output Dry Contact Port x 3, Input Dry Contact Port x 1
Monitoring RF Receiver	Up to 63 RF Receivers
Manage Nodes	Maximum 750 nodes
Storage Media	Up to 16 Gigabyte SD/MMC Flash Memory Card
Dimensions (WxHxD) [mm/inch]	260 x 150 x 57 / 10.2 x 5.9 x 2.2
Weight [kg/lbs]	0.85 / 1.9

Model

BMS-RFR (RF Receiver)

Input Power Supply	12V _{DC}
Power Consumption	≤ 3W
Receiving Interface	RF 2.4 GHz for wireless ^{#1}
Monitoring Nodes	Maximum 128 nodes
Dimensions (WxHxD) [mm/inch]	129 x 70 x 35.5 / 5.1 x 2.7 x 1.4
Weight [kg/lbs]	0.4 / 0.9

Model

BMS-BMK (Battery Measure Kit)

Block Voltage	1.2 V	2 V	6 V	12 V	
Voltage Measurement Range	0.95-2.00 V	1.48-4.00 V	4.20-8.00 V	8.50-16.00 V	
Accuracy	±5 mV			±10 mV	
Battery Impedance Resolution	2μΩ	2μΩ	10μΩ	> 65 Ah 15μΩ	< 65 Ah 25μΩ
Temperature Measurement ^{#2}	0-100°C ±1°C / 32-212°F ± 1.8°F				
Power Consumption	≤ 0.5 W				
Input Impedance	≥ 1 MΩ				
Dimensions (WxHxD) [mm/inch]	100 x 27 x 70 / 3.9 x 1.1 x 2.8				
Weight [g/ozs]	100 / 3.4				

Model

BMS-SMK (String Measure Kit)

Voltage Measurement Range	0-120 V	0-750V
Accuracy	±0.2% of normal voltage	
Temperature Measurement ^{#2}	0-100°C ±1°C / 32-212°F ± 1.8°F	
Current Measurement ^{#3}	0-3000 A ±3%	
Input Power Supply Range	12 V _{DC}	
Power Consumption	≤ 3 W	
Input Impedance	≥ 1 MΩ	
Dimensions (WxHxD) [mm/inch]	100 x 27 x 70 / 3.9 x 1.1 x 2.8	
Weight [g/ozs]	90 / 3.1	

General Specification

Operating Temperature	0-50°C / 32-122°F
Operating Humidity	≤ 95% (w/o condensation)
Operating Altitude	<2000 m
Markings	CE, UL, cUL

#1 Maximum transmitting distance is rated at 50 m in a non-concealed room or cabinet. Recommended distance is less than 20 m for optimal performance.

#2 Optional Temperature Sensor is required for temperature measurement.

#3 Optional hall current transformer is required for battery current measurement.

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