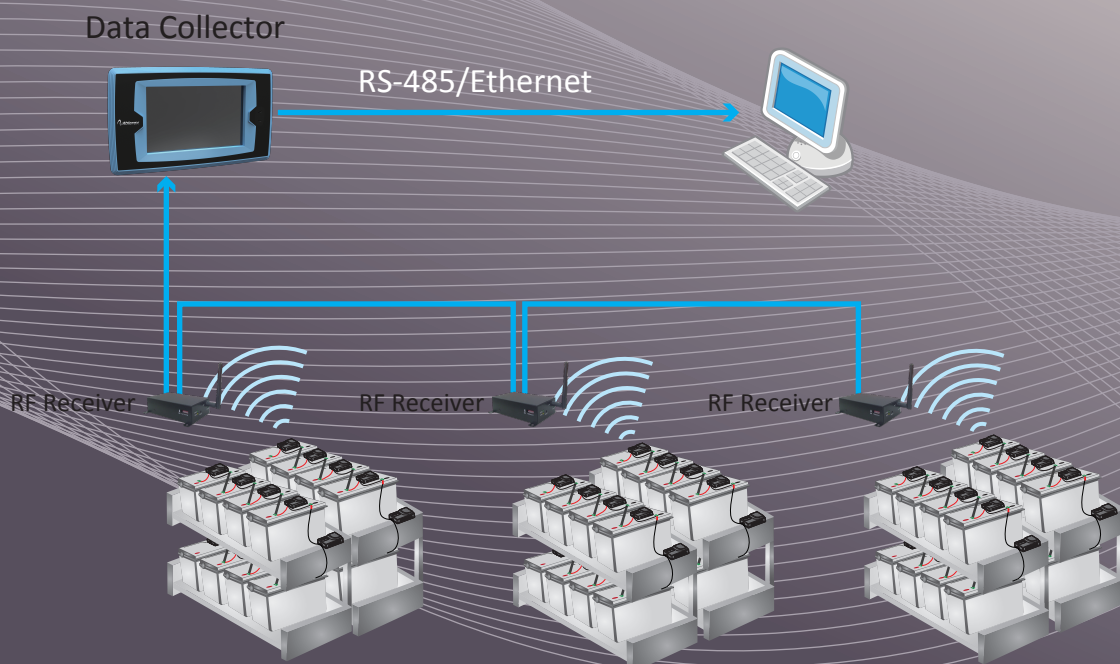


Enerbatt 3G Wireless Battery Monitoring System

- Wireless Communication
- Easy Installation
- Save Cost
- Graphic LCD Touch Screen
- Real Time Monitoring: Block Voltage, Block Impedance, Temperature, String Voltage & Current
- Alarm via Email & Dry Contact
- Build in Storage Memory for Battery History Database
- Colorful Bar/Curve Diagrams
- User-default Configurations & Deviation Levels
- Provides Ethernet/RS-485 for Remote Monitoring



Enerbatt 3G
Wireless Battery Monitoring System

| Model | | BMS-DC-LCD II (Data Collector) |
|------------------------|--|--------------------------------|
| Display | LCD 7" Graphic Touch Screen | |
| Input Power Supply | 12VDC | |
| 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) | 260 mm x 150 mm x 57 mm / 10.2" x 5.9" x 2.2" | |
| Weight | 0.85 kg / 1.9 lbs | |

| Model | | BMS-RFR (RF Receiver) |
|---------------------|---|-----------------------|
| Input Power Supply | 12VDC | |
| Power Consumption | ≤ 3W | |
| Receiving Interface | RF 2.4 GHz for wireless ^{#1} | |
| Monitoring Nodes | Maximum 256 nodes | |
| Dimensions (WxHxD) | 129 mm x 70 mm x 35.5 mm / 5.1" x 2.7" x 1.4" | |
| Weight | 0.4 kg / 0.9 lbs | |

| Model | | BMS-BMK (Battery Measure Kit) | | |
|---------------------------------------|---|-------------------------------|--------------------|--------------------|
| Block Voltage | 2 V | 6 V | 12 V | |
| Voltage Measurement Range | 1.48-4.00 V | 4.2-8.0 V | 8.5-16.0 V | |
| Accuracy | ± 10 mV | | | |
| Battery Impedance Resolution | 0.01 mΩ | 0.03 mΩ | > 65 Ah 0.03 mΩ | < 65 Ah 0.10 mΩ |
| 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) | 100 mm x 27 mm x 70 mm / 3.9" x 1.1" x 2.8" | | | |
| Weight | 0.1 kg / 3.4 ozs | | | |

| Model | | BMS-SMK (String Measure Kit) |
|---------------------------------------|---|------------------------------|
| Voltage Measurement Range | Up to 750Vdc | |
| 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 | 35-60 VDC | |
| Power Consumption | ≤ 3 W | |
| Input Impedance | ≥ 1 MΩ | |
| Dimensions (WxHxD) | 100 mm x 27 mm x 70 mm / 3.9" x 1.1" x 2.8" | |
| Weight | 0.09 kg / 3.1 ozs | |

#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.

* Specifications subject to change without notice, and the final explanation rights are reserved by AblereX

