

Monitbatt

Wireless Battery Monitoring System



A complete offer
for your business



Consultancy



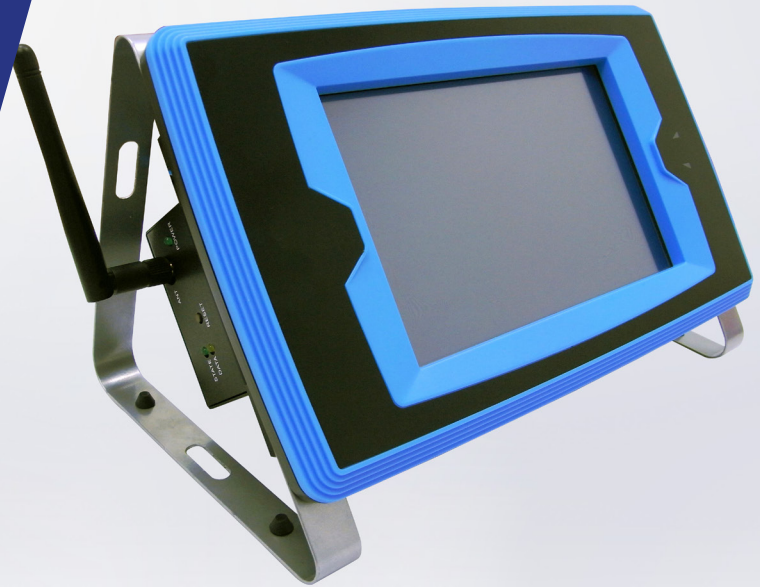
Production



Assistance



Maintenance



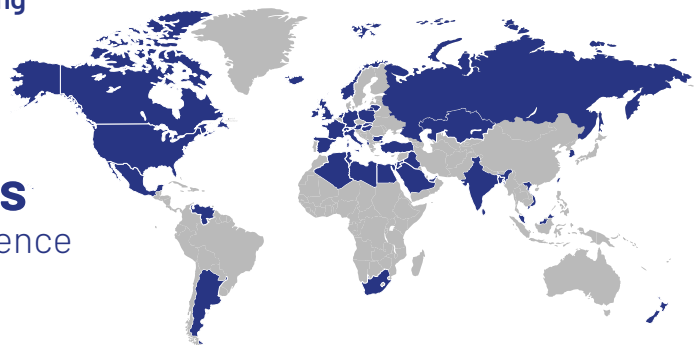
Made in Italy,

innovation from an
international company

- Wireless Communication
- Easy Installation & Save Cost
- Graphic LCD Touch Screen
- Real Time Monitoring: Block Voltage, Block Impedance, Temperature, String Voltage & Current
- Equalize and Balance Block Voltage.
- Extend Battery Life Time
- 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

IPS
Innovative Power Systems

world market in over 30 years of experience



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Watling Street, Bridgtown - Birmingham, WS11 0DQ - ipsinternational.co.uk



Engineering solutions for your energy

Monitbatt

Wireless Battery Monitoring System



Model:		GPBMS-LCDII (Data Collector)	
Display	CD 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:		GPBMS-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:		GPBMS-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	±5 mV	±5 mV	±10 mV
Battery Impedance Resolution	2 μΩ	10 μΩ	>65 Ah
			15 μΩ
			<65 Ah
			25 μΩ
Temperature Measurement **	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:		GPBMS-SMK (String Measure Kit)	
Voltage Measurement Range	Up to 750Vdc		
Accuracy	±0.2% of normal voltage		
Temperature Measurement **	0~100°C ±1°C / 32~212°F ± 1.8°F		
Current Measurement ***	0~3000 A		
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		

* Maximum transmitting distance is rated at 50m/164ft in a non-concealed room or cabinet. Recommended distance is less than 20m/65ft for optimal performance. ** Optional Temperature Sensor (TES) is required for temperature measurement. *** Optional Hall Current Transformer (HCT) is required for battery current measurement. **** The same technical specification may be sold in different countries under different model names, please consult IPS for more information.



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