



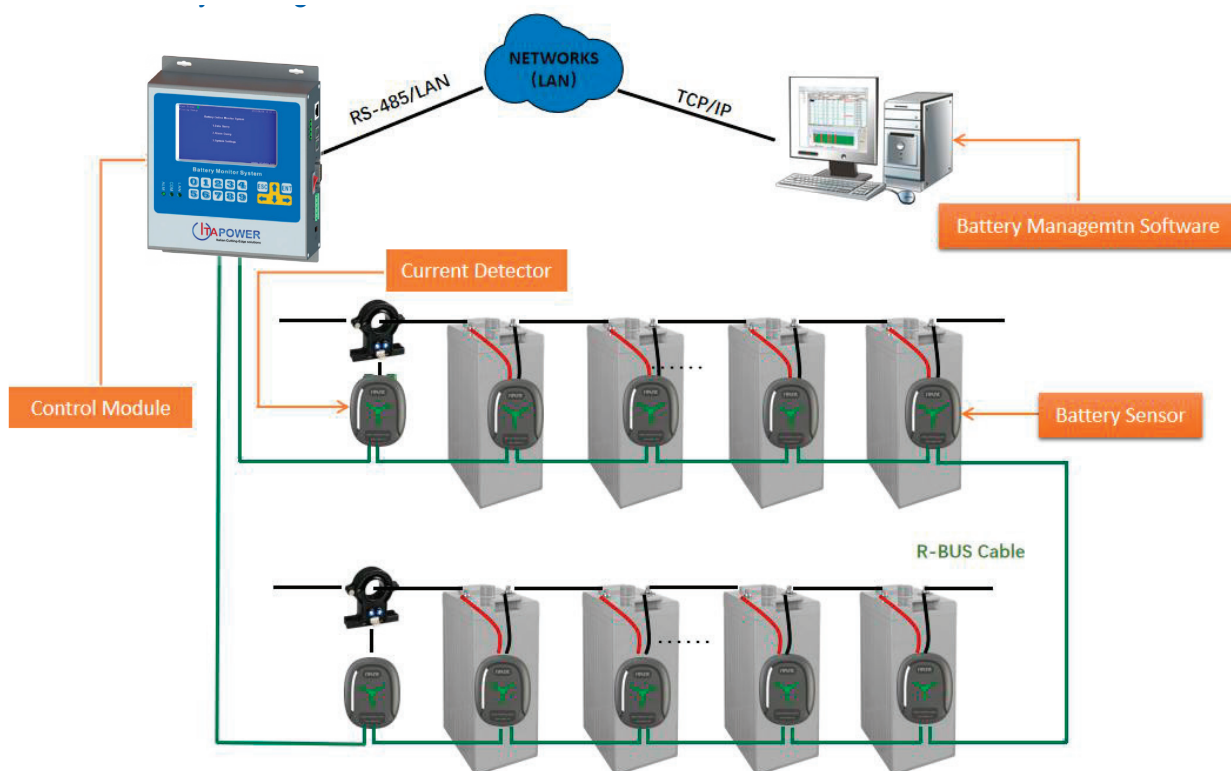
# BMS Battery Monitoring System

**7x24 Hours Real Time Battery Monitoring System  
for Lead Acid Batteries**

[www.itapower.it](http://www.itapower.it)

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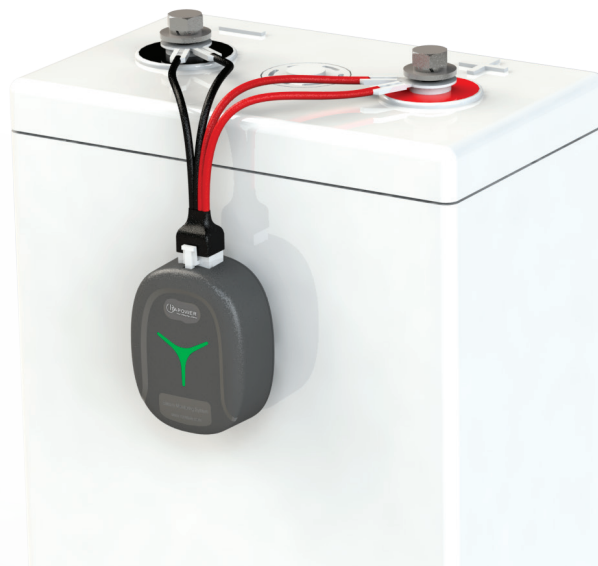
7x24 Hours Real Time Battery Monitoring System  
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- The **Itapower BMS Battery Monitoring System** reduce power outages by detecting battery problems at an early stage.
- Increase personnel safety, less human presence in battery room.
- Reduce maintenance cost avoiding the weak battery infect.
- Extend your battery life.

## highlights

- ① **Integrated Design**
- ① **7 x 24 hours Real Time Monitoring**
- ① **Indipendent power supply**
- ① **Modbus Protocol**
- ① **Accurate Internal Resistance measurement**
- ① **Unlimited expansion**



No.:	Device	Picture	Model	Description
1	Control Module		BM00CS	Each UPS require 1 unit of Control Module. It collects and analys all the battery data and uploads all the data to the computer. Display: 4.3 inch LCD Screen with keypad Interface: RS232, RS485, Ethernet Dry Contact: 1 nos of Dry Contact Protocol: Modbus TCP/ Modbus RTU Memory:32 MB History Data: Daily Data, Yearly Data Restored Aarm's Quantity:300 PCS
2	Power Supply		HDR-15-24	Each Control Module requires 1 unit of power supply AC conver to DC 24V Power Supply Universal AC input. Assemble on industrial rail TS-35 / 7.5 or 15
3	Battery Sensor		BM3KRS	Each battery requires one unit of battery sensor. It measure individual battery internal resistance, voltage and battery temperature and uploads all these data to control module
4	Current Detector		BM00IS	Each battery string requires one unit of Current detector. It measures battery string Current and Ambient Temperature and upload the data to Control Module. It should be used with the Current Transducer.
5	Current Transducer		EK2 Serial	Each Current Detector requires one unit of Current Transducer. It measures battery string current. EK2 Serial Measure Range: 0-1000 Ah It allows max. 4 CM external diameter of battery interlink cable go across, if your cable exceed, please contact us for other model.
6	(Option Item) Metal Cabinet		CS-SBX-1	It is mounting BM00CS Control Module Size:340*120*280 mm (13.39 x 4.72 x 11.02 inch) Weight: 3.2 KG Allow wall mounting or battery rack mounting.