



KOKII BM5500

12V*24 CELLS

Measure cell impedance online
24*7 Automatic test cell voltage and alarm
Max Scan Channel 24
Compact Size, Low cost

Key Functions

Monitoring Items

- Cell Voltage
- Cell Internal Resistance(IR)
- String Voltage
- String Charge & Discharge Current
- String Ambient Temperature

Alarm Items

- String Charge Voltage High/Low
- Discharge Current High(Optional)
- Charge Current High(Optional)
- String Over-discharge
- Cell Charge Voltage High/Low
- Cell IR Over Limit
- Cell Over Discharge
- Cell Short Circuit
- Cell Open Circuit

System Model: BM500-AC

Capacity of the battery: 7Ah-300Ah

Voltage of the battery: 12V

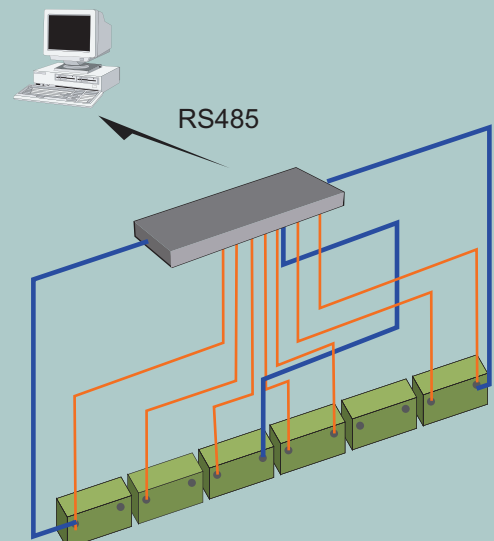
Recommend Application: 110V/220V UPS

Features

BM5500 is an online battery monitoring system specially designed for 220V UPS/EPS and Electric Operation Power Supply System. It is with high performance-price ratio and could inspect parameters like voltage and inner resistance of every single battery.

With inner coupler of precise acquisition circuit, BM5500 could accurately and quickly inspects the parameters of the battery. At the same time the inner resistance will inspire the signal generator and effective wipe off the influence from the charger and electro-load, and the DSP technology is applied to achieve online measurement.

The system will connect to the PC through RS485 (standard MODBUS RTU agreement), achieve real-time monitoring through Software Battery Analyzer 3.0 in position machine and keep and analyze data through the software.



Specifications



BM5500 Module

BM5500	
Operating voltage	220VAC
Scan Channel Max	24 cells
Isolation Protection	> 5M Ω
Dielectric Strength	50Hz 1500V/min
Leak Current	< 5mA
Grounding	Less than 0.5 Ω
COM. port	RS485
Dimension	443 W * 272 D * 42 H (mm)

Option



Touch panel
Model: BM5500-GT01



MODBUS Converter
Model: MDC-5V

Functional Specifications	
Cell Voltage	0 ~18VDC
Voltage Accuracy	0.5%
Internal Resistance Range	10 m Ω
Internal Resistance Resolution	0.01m Ω
String Voltage	0 ~400VDC
Voltage Accuracy	0.5%
String Current Range	0~200A (Option)
Current Accuracy	0.1% + sensor accuracy
Ambient Temperature Range	5 $^{\circ}$ C-45 $^{\circ}$ C
Temperature Accuracy	\pm 1 $^{\circ}$ C