

Battery Monitoring System

General information about ADBC-128M Battery Monitoring System:

- ✓ Support 1.2V (Ni-Cd) /2V/6V/12V (Lead-acid) individual cells voltage monitoring
- ✓ Automatic event recording functions when power outages happen
- ✓ Single unit can support max 320 cells / 4 strings monitoring, available for more cells & strings by multiple units co-working
- ✓ Display unit with 5.7 inch LCD touch screen for easy operation and showing various parameters real time
- ✓ Selectable monitoring communicate port: RS232/RS485, TCP/IP, MODBUS
- ✓ Intelligent PC software for remote monitoring
- ✓ unit ADBC-128M is installed and monitor 1-4 battery strings in the same site.
- ✓ All ADBC-128M in different site send battery status information to data server
- ✓ via RS232/RS485, TCP/IP, MODBUS
- ✓ Users can browse all battery strings data through internet access.
- ✓ ADBC-128M can send alarm messages to data server automatically



Wide applications:

ADBC-128M almost supports any kind of battery systems: 0-800V battery string created by 1.2V/2V/6V/12V cells.

Display unit-5.7 inch touch screen:

Big size touch LCD can display all real time data and graphs and support the click operations directly, humanized input method and menu designs simplified operating process.

Multiple Alarms design:

For notifying the user at emergencies, ADBC-128M provides various alarms. User can set the alarm trigger values by LCD screen or PCs software.

Efficient & flexible structure:

The single ADBC-128M main unit can support max 320 cells / 4 strings monitoring.

Multiple units co-working can support more cells/ strings in single location. We also can adjust the structure to meet the customers' demands.

Power outage recording:

When power outage happens, ADBC-128M can:

Send the warning message to data server

Automatically record the discharge process:

discharge current, battery string voltage, cells voltage, cell temperature.

According to the discharge data, predict the actual capacity of online battery strings

When the external power recovered

Automatically record the charge process: charge current, battery string voltage, cells voltage

All discharge & charge data would be saved in the internal memory, and can be downloaded to data server

High accuracy & self-calibration:

Unique calculation of the battery strings voltage effectively decrease the deviation in connection.

ADBC-128M support self-calibration for all parameters in the software without extra accessor.



Technical specification of the device:

TYPE	ADBC-128M-30		ADBC-128M-40		ADBC-128M-50	
	Resolution	Accuracy	Resolution	Accuracy	Resolution	Accuracy
Azimuth Angle	0.01°	< 5°	0.01°	< 5°	0.01°	< 5°
Title Angle	0.01°	< 0.5°(±90°)	0.01°	< 0.5°(±90°)	0.01°	< 0.5°(±90°)
Roll Angle	0.01°	< 1°	0.01°	< 1°	0.01°	< 1°
Height	±1m					
GPS Range	0~10m				0~5m	
Basic Function	calibration, sending test tasks, sleep mode, on-site framing, one touch test, base station antenna automatic positioning					
Positioning Mode	GPS				GPS+Beidou	
Protection Level	IP68		IP54		IP68	
Network Type	GSM, WCDMA		All network type			
Transmission Mode	Wireless network, WIFI					
Communication Port	Mini USB					
Battery Capacity	2600mAh		3200mAh		3000mAh	
Temperature Range	-30° C ~80° C		-30° C ~80° C		-30° C ~80° C	
Security	EN610950					
Dimensions	130×70×20mm		180×95×13mm		150x78x13mm	
Weight	350g		300g		230g	

