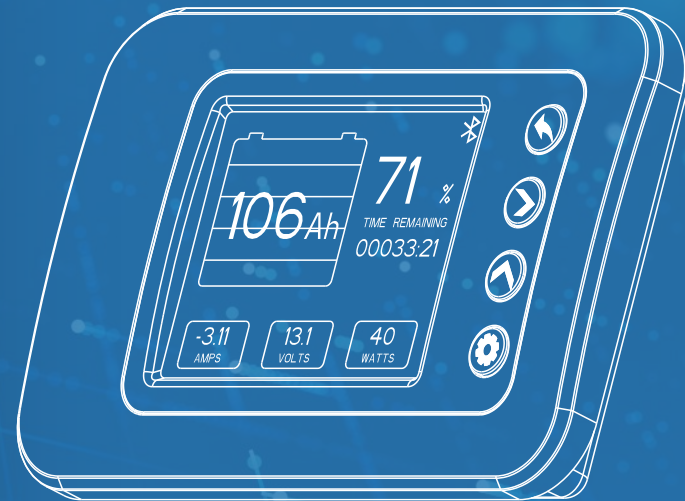


LICITTI
POWER THIS MOMENT

SMART BATTERY MONITOR



LICITTI
POWER THIS MOMENT

Model

LI-BM500 ▶

For different types of batteries, different voltages, new and old batteries, in order to better and easier to understand the use of the battery state and remaining capacity information, we developed this advanced battery display. Combined with complex software algorithms, we collect and calculate the voltage and current of a battery and display it with simple numbers and icons.

Compared with other similar products on the market, LI-BM500 has the following advantages:

● Easy to program

Clear display interface and operation interface, combined with four physical buttons, easily set capacity, maximum voltage, minimum voltage, capacity alert to meet different needs.

Meanwhile, download the Android or IOS APP to do fast and easy settings.

● Easy to install

Clear installed diagram, clear at a glance. The installation card with the monitor makes the installation hole position simple and clear.

● Wireless, smart and simple

With the Bluetooth connection, to monitor the battery information on Android or IOS APP.



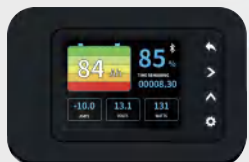
● Features

- Suitable a wide variety of battery systems
- Battery capacity, capacity percentage, voltage, current, power, time remaining
- Two screen interface, four buttons, easy to operate
- Simple installation
- Programmable alarm, high volt alarm, low volt alarm & low capacity alarm
- 500Amps quick connect shunt with PCB
- Wide voltage range: 10V – 120V, wide capacity range: 10 – 1000.0Ah
- Color LCD display, clear at a glance
- Advanced APP, download from Apple store or Google store
- One-button clear battery capacity calibration; one-button make battery capacity full calibration

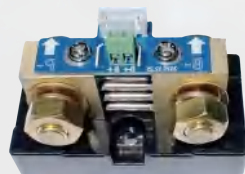
● Applications

- Solar power systems
- Off-grid power systems
- Commercial vehicles
- Marine applications
- Industrial power supply
- Camper/utility vans

Identification of Parts



LCD display



500A shunt



6m shielded wire

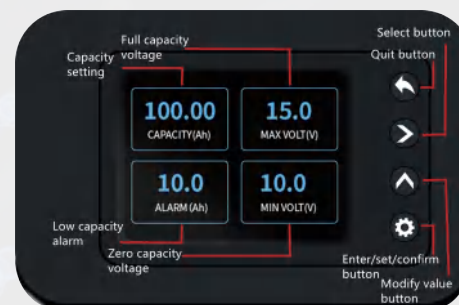
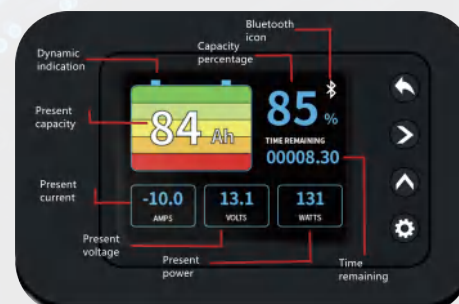


6m B+ wire

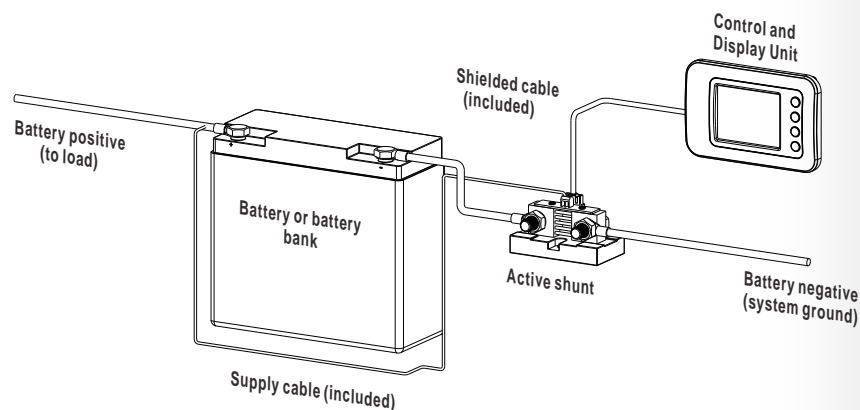


Mounting indicator card

Display information



Wiring diagram



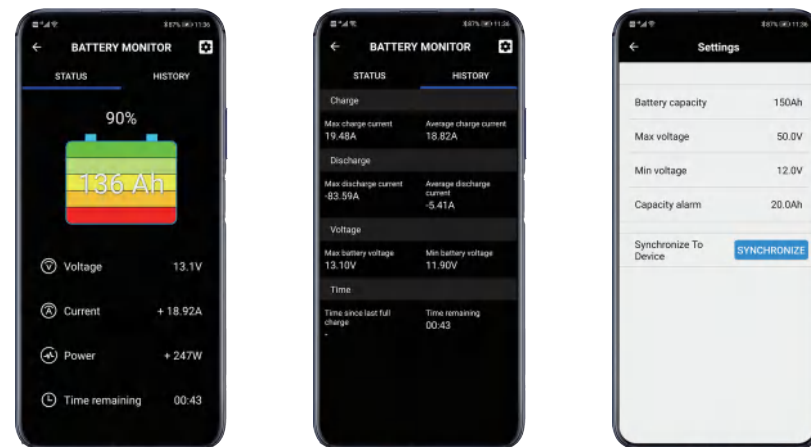
Specifications

Parameter	LI-BM500
Supply voltage range	10 - 120 VDC
Battery capacity range	10 - 1000.0 Ah
Max measured current	500 A
Power consumption	≤ 1 W
Voltage accuracy	±1 %
Current accuracy	±1 %
Capacity accuracy	±1 %
Temperature range	-20°C - +50°C
Communication	Bluetooth, RS485
Weight (LCD screen)	125*82*21 mm
Dimension (LCD screen)	110 g
Protection class	IP20
Standards	EN 62368-1:2014+A11:2017 EN 50663:2017 ETSI EN 301 489-1 V2.2.3(2019-11) ETSI EN 301 489-17 V3.2.4(2020-09) ETST EN 300 328 V2.2.2(2019-07)

Operation

- During the screensaver, press any button to light up LCD screen, and it's main screen, showing battery capacity, capacity percentage, voltage, current, power, time remaining
- In the main screen, press button to enter setting screen.
 - In the setting screen, press button to back to main screen;
 - In the setting screen, press button again to do setting. The selected items will turn red and flicker;
 - In the setting screen, press button to choose items, press button to modify its data;
 - In the setting screen, after modify data, please press button to save all modification, and then back to main screen;
 - Note: in the setting screen, press button back to main screen directly, all modified data won't be saved
- In the main screen, long press to clear battery capacity calibration.
- In the main screen, long press to make battery capacity full calibration.

Smart Monitor with Bluetooth



Download our free APP for Android and IOS



Android



IOS