

LITHIUM BLUETOOTH BATTERY MONITOR



WARNINGS – IMPORTANT PLEASE READ

- Do not disassemble the monitor. Take to a qualified person if the unit requires repairing.

PRODUCT OVERVIEW



- | | |
|---|--|
| 1. Solar | 9. ON/OFF Switch – To turn battery ON or OFF remotely |
| 2. Invert | 10. Scroll Up Button – To scroll up to the last item |
| 3. Bypass | 11. Value Information Area – LCD displaying value |
| 4. Charge – To indicate battery is charging | 12. Scroll Down Button – To scroll up to the next item |
| 5. Overload Alarm – To indicate when battery is overloaded | 13. Mute Button – To mute or unmute the alarm |
| 6. Battery Low Voltage Alarm – To indicate when the internal battery reach under-voltage | 14. Battery SOC – To indicate battery state of charge |
| 7. Temperature Alarm – To indicate when the system is over-temperature | |
| 8. Power Percentage – To indicate the percentage of actual power against rated power of battery installed | |

NOTE: Use the scroll up or scroll down button to switch display information among Battery.

DISPLAY INFORMATION IN VALUE AREA

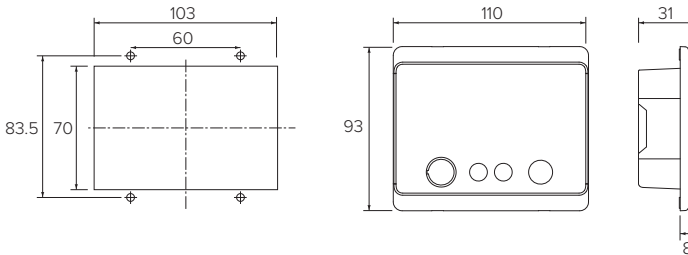
V Battery Voltage
A Battery Current
/ Battery SOC

FEATURES

- Device allows users to remotely monitor and control Projecta Lithium HD Batteries
- Displays battery voltage, current and SOC
- Communicates directly with the battery so no additional shunts are required
- Battery status can be monitored via smart phone or tablet
- Inbuilt intelligent battery monitoring technology

INSTALLATION

Step 1: Cut holes on mounting surface following the cut-out dimension of solid line area in the below diagram
Step 2: Place the LBM-BT in position properly and fix the LBM-BT by 4pcs M3*12 screws



CONNECTION

Use the cable provided by Projecta to connect LBM-BT with HD series battery the connector is RJ45. The LBM-BT comes with a 5m RJ45 cable. Longer RJ45 cables can be used up to 30 metres.

ERROR AND WARNING CODES

BMS Error

DISPLAY	DESCRIPTION
ERR400	Module_OV
ERR401	Module_UV
ERR402	Module_OT
ERR403	Module_UT
ERR404	Discharge_OC
ERR405	Charge_OC
ERR406	Module_INT_Err
ERR407	Outside_over_voltage
ERR408	Switch_or_BMS_over_temperature

BMS Alarm

DISPLAY	DESCRIPTION
ALM409	Module_HV
ALM410	Module_LV
ALM411	Module_HT
ALM412	Module_LT
ALM413	Discharge_HC
ALM414	Charge_HC
ALM415	EXT_CommFail
ALM416	SOC_Low
ALM417	Switch_or_BMS_high_temperature

APP

LBM-BT Support APP can be downloaded on the Google Play Store for Android Devices and the AppStore for Apple Devices.

SPECIFICATIONS

DISPLAY	DESCRIPTION
Input Voltage	6.5~16Vdc
Battery Capacity	10~10,000Ah
Cable Length	5 metres
IP Rating	IP20
Working Temperature	-20~65°C
Suits Batteries	LB100-HD, LB200-HD, LB400-HD, LB50-48VHD, LB100-48VHD

WARRANTY STATEMENT

Applicable only to product sold in Australia

Brown & Watson International Pty Ltd of 1500 Ferntree Gully Road, Knoxfield, Vic., telephone (03) 9730 6000, fax (03) 9730 6050, warrants that all products described in its current catalogue (save and except for all bulbs and lenses whether made of glass or some other substance) will under normal use and service be free of failures in material and workmanship for a period of two (2) year (unless this period has been extended as indicated elsewhere) from the date of the original purchase by the consumer as marked on the invoice. This warranty does not cover ordinary wear and tear, abuse, alteration of products or damage caused by the consumer.

To make a warranty claim the consumer must deliver the product at their cost to the original place of purchase or to any other place which may be nominated by either BWI or the retailer from where the product was bought in order that a warranty assessment may be performed. The consumer must also deliver the original invoice evidencing the date and place of purchase together with an explanation in writing as to the nature of the claim.

In the event that the claim is determined to be for a minor failure of the product then BWI reserves the right to repair or replace it at its discretion. In the event that a major failure is determined the consumer will be entitled to a replacement or a refund as well as compensation for any other reasonably foreseeable loss or damage.

This warranty is in addition to any other rights or remedies that the consumer may have under State or Federal legislation.

IMPORTANT NOTE

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Distributed by

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