

POWERTECH

4-Channel Universal Battery Charger with LCD



User Manual
MB-3703

Box Contents:



1 x Battery Charger



1 x USB Type-C Power Cable

Product Diagram:



| # | Feature | Description |
|----|------------------|---|
| 1. | USB Power Socket | Connect to the USB power cable and suitable USB power source |
| 2. | LCD Screen | Displays the battery information such as current, capacity, voltage and power |
| 3. | Channel Button | This will change the battery display information, change the sound and reactivate the LCD screen |
| 4. | Battery Slots | Insert a Li-ion, LiFePO4, Ni-MH or Ni-Cd battery into any of the 4 charging slots. Channel 1 and channel 4 are 2A fast charging slots |

Operation:

1. Insert the USB Type-C power cable in to a suitable 5VDC USB mains power adaptor (not included) or a suitable USB port such as a computer.
2. Insert the USB Type-C plug from the USB power cable to the USB power socket located on the rear of the battery charger.
3. The LCD will display null after 1.5 seconds which indicated standby mode if not battery has been inserted.
4. Insert a Lithium ion (Li-ion), Lithium Iron Phosphate (LiFePO₄), Nickel-metal hydride (Ni-MH) or Nickel-cadmium (Ni-Cd) battery into one of the charging slots.

Note: Channel 1 and 4 are fast charging slots up to 2A. Channel 2 and 3 will only charge at 1A.

6. The LCD will automatically display the battery information of only one battery if it's been inserted. Press the channel button to change the battery display if more than one battery has been inserted.

Note: If the battery type symbol flashes, press and hold the channel button to select the correct battery type.

7. Once a battery has been fully charged, it will flash "Full" and show 100%.

Troubleshooting:

| Problem: | Solution: |
|-----------------------|--|
| Battery Won't Charge | Connect to a suitable USB charging source such as a USB mains power adaptor or USB charging port and make sure it's correctly turned on. |
| | Make sure the battery is the correct Li-ion, LiFePO4, Ni-MH or Ni-Cd type according to the specifications |
| | Make sure the battery is in working order and not completely damaged. |
| No Power / LCD Screen | Ensure the USB charging cable is connected properly to a USB charging port or USB charging adaptor. |
| | Check to see if your USB power source is working correctly. |

FAQ:

1. Q: Can the sound be turned off?
A: Press the channel button twice to turn the sound on or off.
2. Q: The LCD screen has become dark.
A: It will dim after 30 seconds of inactivity, press the channel button to light up the LCD screen.
3. Q: Can the charger display more than one battery at a time?
A: Only one battery can be displayed at one time, press the channel button to change the display.

Safety:

1. Do not open the case of this product to prevent the unit from damage.
2. Keep the battery charger away from high temperatures as it may damage the device.
3. Do not expose the battery charger to water or liquids to prevent the unit from damage.
4. Please disconnect the battery charger from power when not in use.
5. This battery charger is for indoor use only.

Features:

- . Audible Alarm
- . Short Circuit & Overload Protection
- . Zero Volt Battery Activation
- . Reverse Polarity Protection
- . Over Charge & Over Temperature Protection

Specifications:

Input: 5VDC, 2A

Output: 4.2V, 2A (1 Battery)/ 1A (2 Batteries)/
0.65A (3 Batteries)/ 0.5A (4 Batteries) (Li-ion)
3.65V, 2A (1 Battery)/ 1A (2 Batteries)/ 0.65A
(3 Batteries)/ 0.5A (4 Batteries) (LiFePO4)
1.48V, 1A (4 Batteries) (Ni-MH/Ni-Cd)

Battery Compatibility:

Li-ion/LiFePO4: 10440, 14500, 14650, 16340,
17335, 17500, 17670, 18350,
18500, 18650, 18700, 20700,
21700, 22650, 22700, 26500,
26650

Ni-MH/Ni-Cd: A, AA, AAA, AAAA, Sub-C & C

Supported Batteries: 3.6-3.7V Li-ion

3.2V LiFePO4

1.2V Ni-MH/Ni-Cd

Over Charge Protection: 60°C Internal Temperature

Protection Voltage: 4.2V+0.05V (Li-ion)

1.55V+0.05V (Ni-MH)

Dimensions: 129(H) x 96(W) x 32(D)mm

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