

POWERTECH

2-Channel Universal Battery Charger



User Manual
MB-3707

Box Contents:



1 x Battery Charger



1 x USB Micro B Power Cable

Product Diagram:



#	Feature	Description
1.	USB Power Socket	Connect to the USB power cable and suitable USB power source
2.	LED	Shows power, charging, reverse polarity alarm, short circuit or bad battery alarm status
3.	Battery Slots	Insert a Li-ion, Ni-MH or Ni-Cd battery into any of the 2 charging slots.

Operation:

1. Insert the USB micro B 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 micro B plug from the USB power cable to the USB power socket located on the rear of the battery charger.
3. Both LEDs will flash green and red alternatively indicating that it is powered correctly.
4. Insert a Lithium ion (Li-ion), Nickel-metal hydride (Ni-MH) or Nickel-cadmium (Ni-Cd) battery into one of the charging slots.
5. Once a battery has been inserted; the LED will change to red indicated it is charging.

Note: If the red LED is flashing then it indicates reverse polarity, short circuit or a bad battery.

6. Once the battery is fully charged; the LED will change to green.

LED Status Indicator:

LED:	Description:
Green & Red Flashing	Power Connected
Green On	Battery Charged
Red On	Charging
Red Flashing	Reverse Polarity, Short Circuit, Bad Battery
Red Flashing Fast	Mains Power Too Low

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, Ni-MH or Ni-Cd type according to the specifications
	Make sure the battery is in working order and not completely damaged.
No Power / LED	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.

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:

- . Short Circuit
- . Zero Volt Battery Activation
- . Reverse Polarity Protection
- . Over Charge

Specifications:

Input: 5VDC, 2A

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

Battery Compatibility:

Li-ion: 10440, 14500, 16340, 17335, 17670,
18490, 18650, 22650, 26500, 26650

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

Supported Batteries: 3.6-3.7V Li-ion

1.2V Ni-MH/Ni-Cd

Protection Voltage: 4.2V \pm 0.05V (Li-ion)

1.55V \pm 0.05V (Ni-MH)

Dimensions: 100(L) x 60(W) x 28(D)mm

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