

RoHS
Compliant



Features

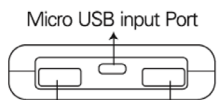
- Powerful and High Efficiency Battery Cells with Protection Board
- Smart Power Management Controller with Power Conversion Efficiency more than 88%
- Double Protection Design - Over Discharge, Over Current and Short Circuit Protection
- Intelligent Display of LED to Indicate the Charging Status & Power Levels
- Ideal for most digital devices with DC5V input such as iPad, iPhone, Smart Phone, MP3, MP4, Tablet PC and GPS
- Automatically Detect the Current Required by the Devices
- Certified by CE and FCC Safety Requirement

Specifications

Capacity	: 5200mAh
Battery	: Li-Polymer
Charging Time	: 6 ~ 7 Hours
Dimensions	: 102mm x 66mm x 15.8mm
Weight	: 154g

Charging time is based on 1A charging current, reference only

USB Port



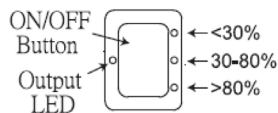
Micro USB input Port

No. of Port : 2 Port

Input Port : Micro USB - 5V DC / 1A

Output Port : USB - 5V DC / 2.1A Max. (Each Port)

Power / Capacity Indicator



Charging Mode

Constant Current & Constant Voltage (CC/CV)

Over Charge Detection Voltage	: 4.325V ±0.025V
Charging Current	: 0.5C rate (2500mA)
Over Discharge Detection Voltage	: 2.3V ±0.0575V
Over Current Protection	: 5.5A – 9A
Short Circuit Protection	: Lock

Required Environment

Operating Temperature	: 0°C - 35°C
Operating Relative	: 5% ~ 95% RH
Storage Temperature	: -10°C to 60°C

Accessories

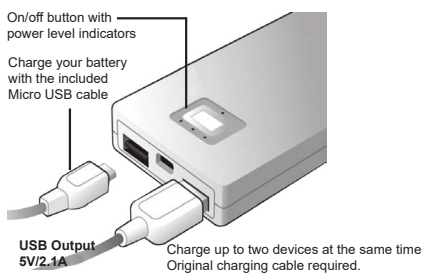
Micro USB Charging Cable - 1PC



Operation Instruction

How to Recharge Power Bank

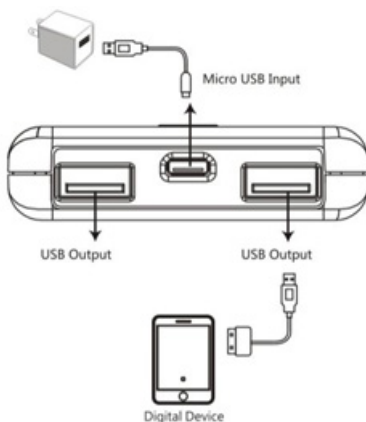
- Use power sources with DC 5V over 500mA. The power sources can be USB port of computer, AC/DC USB adaptor and power adaptor with micro USB connector
- Connect the power sources with power bank
- In 5 seconds after connection, one power level LED flashes to indicate the power bank is charged properly. After fully charged, 3 LED turn to solid light



How to Charge your Digital Device

- Use the original cable or the attached USB cable with correct connector
- Connect the power bank with your digital device
- Press on/off button to start charging; the power indicator will light up for proper charging
- After fully charge, remove the cable and press the on/off button to turn off the power bank

Can press the power indication again to check the power level



Instruction of LED Lights - Charge and Discharge

When Power Bank is connected to power supply (MICRO USB input DC5V), three LED will flash by turns and then flashes according to the power remaining.

Sign: ● Off / ⚙ Flashing Light / ○ Solid Light

⚙ ● ● Power < 30%

○ ⚙ ● ● Power 30% - 80% ● Off

○ ○ ⚙ ● Power > 80% ⚙ Flashing Light

○ ○ ○ Power = 100% ○ Solid Light

When discharge, LED light will be off according to the power remain. The first LED keep flashing as the battery is lower power.

Note

The power bank can be charged with input current DC5V / 0.5A or 1A. It will automatically detect the output current of the connected power supply before charging. If the output of power supply is more than 1A, the system draws current only 1A for charging. This smart design guarantees the safety of the charging. If the output current of the power supply is less than 1A, the power bank will take current 0.5A. If the output current is less than 5V or 0.5A, the three level LED will flash. It means the power source is not proper for charging. Make sure your power supply output is DC5V and over 0.5A.

Important Safety Instruction

- Misuse, beat, crush or drop and other conditions may cause product damaged
- Dropping and/or misuse of the product may cause malfunctions and/or damage
- Do not dispose of the power bank in heat and fire
- Please fully charge the power bank to activate it before first use
- If this product will not be used for a long time, please keep it in a cool and dry place. Charge and discharge one time per month
- If the power bank is not used, please turn off the power. Otherwise it will keep consuming the power
- At the end of the battery's life, it should be handed over to an appropriate collection point.

Problems and Solutions

Unable to Charge the Power Bank

- Make sure the power supply is DC5V, current over 500mA .If the input voltage is not 5V or current under 0.5A, the three level LED will flash. Make sure your power supply is correct
- Check if the USB cable is connected to the Micro USB port correctly
- Some of specific micro USB connectors are not compatible with the power bank. In this condition, change the Micro USB connector

Unable to Charge your Digital Devices

- The power bank is designed based on Apple's charging mode. It may not be compatible with some devices, such as the Samsung Galaxy Tablet. Please use the special connector for Galaxy Tablet. The problem will be solved
- The input voltage of your devices may not be 5V. Please recheck the input voltage of your devices
- The connection between your device and the power bank is incorrect. Please reconnect
- The cable or connector is damaged or unclean. Please change or clean the cable or connector
- The remaining capacity of the power bank maybe too low to charge the devices. Please charge the power bank first
- If the Power indicator doesn't light up after pressing, the power bank maybe defective. Please contact our service department or your supplier

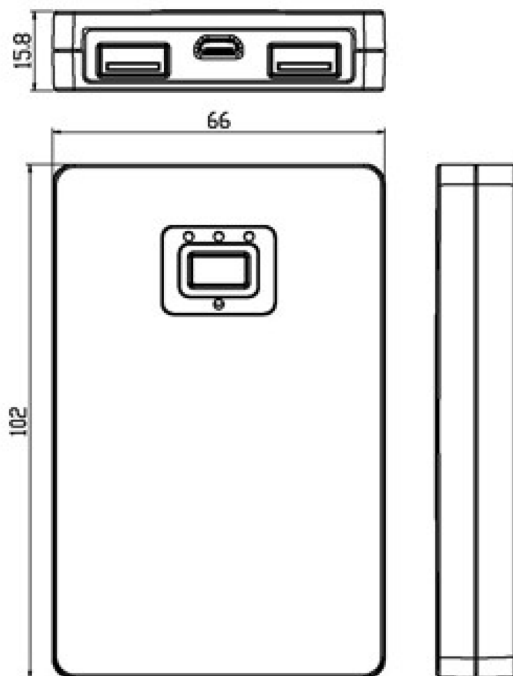
Power Bank Shuts Down Itself While Charging

- If the digital draws too much current (over 2.5A), the protection will be activated by shutting down the power bank
- If this happens, just remove the cable and recharge the power bank to reset it

Charging time of the Device is Too Short

- It's possible the battery of your device is too old. Please replace a new one.

Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
Power Bank, 5200mAh, 2Port, 5V/2.1A	MC011332

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