



# User Manual 31885 POWER BANK 2200mAH

## I. Introduction

This product is a lightweight, environmentally friendly, high capacity stylish mobile power for portable devices anywhere, anytime, which will keep you away from trouble. This product contains a high-performance lithium-ion batteries, lightweight, safety, environmental protection. Via the attached cable (Micro USB cable), not only can power the portable device directly, but also can charge the built-in battery. It provides adequate back-up energy for the wild expedition, traveling, Adventure, and travel home.

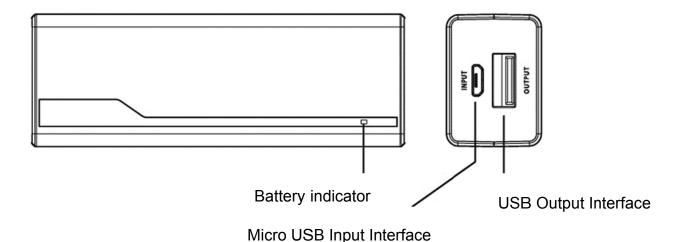
# II. Applies for

- 1. Be suitable for mobile phone in the market.
- 2. Be suitable for handheld video games PSP, NDSI, NDSL.

#### III. Performance

- 1. Exquisite, fashion design, to charge handheld device at any time for business people, fashion icon, outdoor hiker and etc.
- 2. Easily using, no need variety of settings, simply select the appropriate connector to change.
- 3. Plug & play, auto-sleep mode function, when no current output, will sleep automatically.
- 4. Short-circuit protection, over charge protection, over discharge protection, intelligent protection of lithium, high conversion efficiency, leakage protection.

## IV. Outside view drawing



# V. Technical parameters

ITEM	SPEC.	Features
Capacity	2200mAh	High-energy green Li-on battery cells
Input Voltage	DC 4.75 ~ 5.25V	Adaptive intelligent charge management system voltage
Input Current	800mA	Intelligent current input management system
Rated Output Voltage	DC 5.0V±0.25V	Adaptive voltage output, intelligent low-voltage alarm
Output Current	800mA	Intelligent load detect and steady current output management system
Charging time	3 ~ 4 h	High charging efficiency
Cycle life	≥ 300 times	(300 cycles)
Size	90x32x23mm	Case
Net Weight	70g	Product net weight (without accessories)
Accessories	USB	Cable/Certificate/Manual

## VI. How to use it

# 1. Charger for power bank

The applicable standard cable plug in the computer USB or USB charger, connect to the Micro USB of mobile power, automatic wake-up charge. During charging, the battery indicator light cycling; full power indicator light indicates charging completed. (See Figure 1, Figure 2)

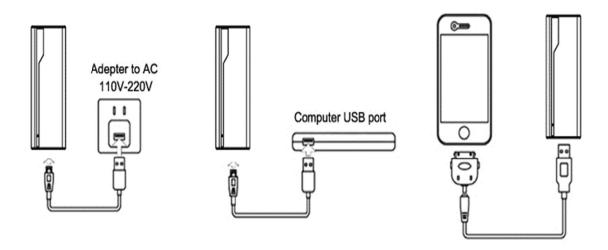
## 2. Charger for digital products

Using the cable and adapter of the digital products, the electronic switch will be on automatically, output 5V voltage for use. (See Figure 3)

## **Connection diagram**

Figure 1: Adapter Charging Figure 2: USB Charging

Figure 3: Charging for Mobile phone



#### VII. Notice

Ensure the product's safe operation please read the manual carefully before using that:

## A. Attention matters

- 1. Mobile power has built-in lithium-ion battery, do not use metal objects to short-circuit products, in order to avoid equipment failure and security risks.
- 2. Shall not be placed in hot and humid environment.
- 3. Shall not be demolish or mobile power transformation.
- 4. The equipment shall meet the specifications required to use DC power, the use of other power supply may cause fire or malfunction.
- 5. The heavy impact may cause fire or explosion.

#### B. Terms of use

- 1. For the first time or no using for a long time, the mobile power need 8 to 10 hours to fully charge.
- 2. Mobile power for temperature -10°C to 45°C degree temperature range. For best charging results, please use the mobile power in suitable temperature conditions.
- 3. When charging and using, this product will be a slight fever, which is normal, not malfunction.
- 4. If the products hold for a long time, you need to charge at least once every three months to maintain its charge properties.
- 5. Mobile power left unused for a long time will be loss of power, which's normal self-discharge phenomenon, if ready to use, please charge again.
- 6. Keep the mobile power cleaning, please clean it with dry cloth before using if the port is dirty.