Car Jump Starter

User Manual

Contents

01. Product Description
02. Product Models and Specifications
03. Product Description
04. Power Switch
05. Charging Instructions
06. USB Output Function
07. Metal Contact Output
08. Rotating Buckle and Protective Ring
09. DC Output and Input Function
10. Wireless Charging
11. Car Power Interface
12. LED Use
13. Mobile Phone Holder
14. Precautions
14. Warranty and After-Sales

Product Introduction

Power bank is a product that can provide power for a variety of devices. The body is equipped with multiple input and output interfaces such as Type-c, USB, DC, wireless charging, metal contacts, etc. It can output 5-12V voltage. The USB output can power various digital products, and the metal contacts can power a variety of series products developed by the company. The DC output is combined with the cigarette lighter adapter cable, which can charge various car electrical appliances or equipment with a power of less than 120W. Some models of power bank have a wireless charging function on the top, which supports wireless charging of mobile phones with wireless charging function.

Some models of Power Bank have an emergency jump-start function for car engines at the bottom, which makes driving more secure.

Power Bank uses a high-safety lithium battery pack inside, which has reliable battery overcharge, over-discharge, short circuit, temperature and other protections, making it safer for users to use the product.

Product Model and Specifications

Parameters may change with product upgrade, please understand.

Model	NLB-C	NLB-100C
Battery Capacity	5000mAh (12V) 55.5wh	3400mAh (12V) 37.74wh
Total Battery Capacity	15000mAh (3.7V)	10200mAh (3.7V)
Charging Port	Type-C Input 15W	
USB Output	5.0V/3.0A, 9.0V/2.0A, 12.0V/1.5A (18W Max)	10W (Support 5V/9V)
DC Output	12V/120W (Compatible With 5W/7.5W/10W)	
Wireless Charging	15W (Compatible With 5W/7.5W/10W)	No
Operating Frequency	110.0~205.0KHz	
Start The Interface	Instantaneous Start Maximum Current(300A)	
Charging Temperature	1 ~ 45 Degrees Celcius	
Discharge Temp	-20 ~ 60 Degrees Celcius	
Product Size	65.5mm*149mm	
Product Weight	523g	410g

Product Description

Power Switch

1. The standard version of Power Bank has a power switch and a power indicator. Touch the power switch to power on, and touch it again to turn off all circuits. If the standby time exceeds 30 minutes, the Energy Treasure will shut down automatically.

2. The three power indicator lights, from left to right, each represents about 33.3% of the power. When charging, the indicator light equal to the battery capacity will flash. When the battery is fully charged, the three indicator lights are always on. When only the first light is on and flashing, it means that the power is less than 10% and needs to be charged in time!

Press and hold for 3 seconds to switch the indicator light to night mode, reducing brightness by 50% and disabling the automatic shutdown function. Press and hold again to switch back to normal mode, which will automatically shut down after 30 minutes of standby.

Charging Instructions

1. The mobile power bank uses a Type-C charging interface. The default configuration has a charging cable (without a power adapter), which is the same as the Type-C charging port on the mobile phone. Users can use a mobile phone data cable with a Type-C interface to charge, and the charging power is about 15W. The fast charging adapter that comes with the mobile phone can improve the charging efficiency and shorten the charging time (such as supporting output 5V=3A-5A, 9V=2A, etc.).
2. It is normal for the body and data cable to heat up during charging.
3. Charging suggestions: You can recharge the battery at any time when the battery power is 5%-95%, and try to avoid charging after Battery drained. When not in use for a long time, please charge it every 3-4 months. This can extend the battery life and avoid risks such as battery damage.

USB Output Function

1. The USB output function supports a variety of mobile phone fast charging protocols, and can be used with data cables to charge mobile phones and other digital products.

2. The maximum output power is 22.5W, supporting outputs of different voltages such as 5V=3.4A, 9V=2A, etc. It is normal if the USB interface and the top of power bank are heated during charging.

Metal Contact Output

1. The output contacts on the top of the power bank are positive on the left and negative on the right. The output contacts are developed by our company specifically for a series of products developed for output power.

2. When turning on the power switch, be careful not to place metal or conductive objects on these two contacts to avoid short circuits. The power bank has a short circuit protection function. It will automatically shut down when a short circuit occurs, It takes 2-8 seconds to reactivate the Energy Treasure.

3. When the two contacts are powering the product, they will generate heat, which is normal.

Rotating Buckle and Protection Ring

There is a rotating buckle inside the red protective ring, which can be rotated and combined with many series of products of our company to form an integral whole and provide power for these products. When you want to use the rotating buckle, just rotate and remove the red protective ring.

DC Output Input Function

The DC interface of the standard mobile power bank is a single output interface with a DC specification of 5525. It can continuously output a maximum voltage of 12V/about 10A current/about 120W power. If a cigarette lighter adapter cable is selected, it can be used to power various vehicle-mounted devices or small vehicle-mounted appliances with a power of less than 120W.

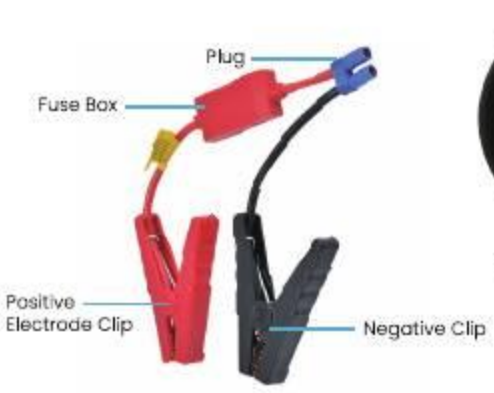
Wireless Charging
(NLB-C)

1. Some models of mobile power banks are equipped with wireless charging function, with an output power of about 15W, which can support most mobile phones with wireless charging function on the market.

2. When wireless charging is performed, the top of the mobile phone and mobile power bank will heat up, which is normal.

Car Power Interface

When the car battery is low on power and the car cannot start, open the protective plug at the bottom of the product, insert the jumper plug into the jumper interface at the bottom of power bank, clamp the red clip to the positive pole of the car battery, and the black clip to the negative pole of the battery. The car can be started at this time. After starting the car, the clip should be removed within 30 seconds, otherwise there is a risk of burning out the fuse box.



(1)Depending on the vehicle model, it can start gasoline engines with a displacement of less than 6.0L(NLB-100C / 4.0L) and diesel engines with a displacement of less than 3.0L(NLB-100C / 2.5L).
(2)Ambient temperature:-20 degrees - 60 degrees.

Warning:

1. Do not start continuously, the interval between each start should be more than 30 seconds. 2. Do not connect the red clip to the black clip, otherwise the fuse box will burn out. 3. Do not connect the red clip to the negative pole of the battery, and do not connect the black clip to the positive pole of the battery. Otherwise, the fuse box will burn out.

LED Usage

When the device is powered on, long press the power switch to turn on the LED light. Press the power switch again to turn off the LED light. If you long press the power switch again when the LED is on, the LED will switch to flashing mode. Press the power switch again to turn off the LED light.

Mobile Phone Holder (Optional) (NLB-C)

When car users use mobile power for wireless charging, it is recommended to purchase the special mobile phone holder produced by our company. When the mobile power and mobile phone holder are rotated together and placed in the car cup holder, it can ensure that the mobile phone will not fall off during wireless charging while driving.

(Phone holder is optional. This product is suitable for various models below 6.7 inches)

Attention

1. Do not disassemble or repair the Power Bank by yourself.
2. Do not fall, knock or shake the Power Bank.
3. Do not rain orimmerse energy in water, and avoid long-term exposure to the sun.
4. Do not store with inflammable and explosive materials.
5. The above matters may cause damage to batteries circuit boards, chips and components.
6. Keep the product out of reach of children.

The Following Situations are Not Covered by Free maintenance

1. Failure or damage of products caused by failure to install, use, maintain and keep according to the requirements of the instruction manual.
2. Exceeded the warranty and warranty replacement period.
3. Change the inherent setting of the product without authorization or dismantle the machine for repair without authorization.
4. Product failure or damage caused by unexpected factors or human behavior, such as inappropriate voltage input, high temperature, water ingress fault damage, falling and so on.