

electric

INSTRUCTION MANUAL



20,100 mAh
MULTIFUNCTION POWERBANK
eiQ-LPB20QC

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SAFETY INSTRUCTIONS

Please ensure that all safety instructions are read and understood before use of the product. The manual should be retained for future reference.

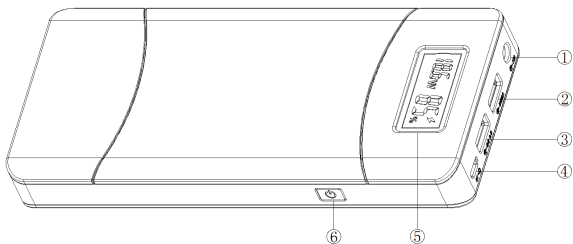
- Do not position the unit where it would be subjected to extreme moisture, temperature or dust.
- Do not use in bathrooms or other humid places.
- There are no user maintainable parts, do not attempt to disassemble or repair.
- Do not place the device near heat sources, or expose to direct sunlight.
- The device should not be exposed to excessive knocks or bumps.
- The power bank should be used with the original accessories to prevent malfunction.
- If the accessories are damaged, they must not be used, and replacements should be ordered from the manufacturer or retailer.
- This power bank can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of it in a safe way and understand the hazards involved.
- Children shall not play with the power bank.

INTRODUCTION

This power bank will charge all kinds of USB products, such as smartphones, tablets, MP3/MP4 players, and digital cameras. The Quick Charge 3.0 USB port supports 3.8V-12V/18W (max). The power bank also contains an output port for charging 12-24V notebooks. An adaptor is also supplied to allow car charging.

DIAGRAM

1. NOTEBOOK Port: Input/output port



2. USB OUTPUT Port 1: 5V/2.1A Output
3. USB OUTPUT Port 2: QC3.0 quick charge port
4. USB INPUT Port: 5V/2.1A / QC3.0 power bank charging port
5. LCD Display: Shows the working voltage, capacity, power, etc
6. Button: On/Off button for the power bank, also allows selection of output voltage on the notebook port.

PARTS SUPPLIED

20,100 mAh Type C Power bank

Micro USB cable

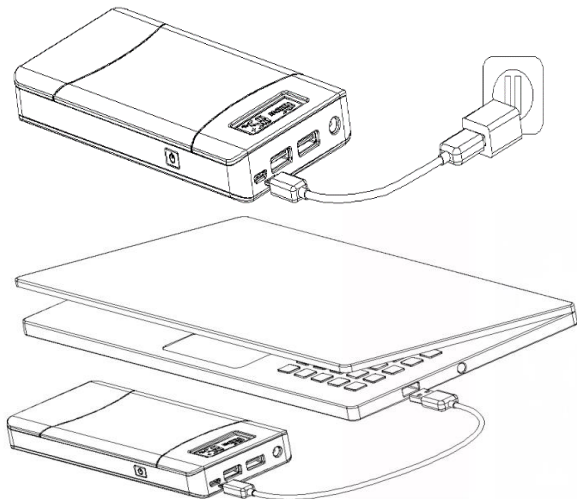
Notebook cable and connector assortment (9pcs)

Car charging cable

CHARGING THE POWERBANK

Before using the power bank for the first time, please ensure it has been fully charged.

The power bank is supplied with a micro USB cable. This can be used to charge the power bank using a USB plug adaptor (not supplied), or through the USB port of a computer.



While charging, the battery symbol on the power bank will flash and show the current power level. When fully charged, the screen will show “0” W.

CHARGING TIMES

The charging time will be very dependent on the type of power adaptor used. For quicker charging through USB, ensure a QC 3.0 compatible power adaptor is used.

OPTIONAL ACCESSORY:

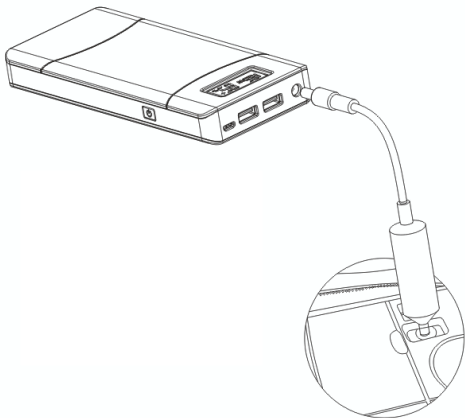
For fast charging an optional 16V power adaptor is also available from the same retailer as the power bank under reference: eiQ-LPB20QC16CPSU

This power supply connects to the same port as the car charging lead below.



CAR CHARGING

Alternatively the car charging cable can be connected to the Notebook Port, and the car will supply power to the power bank.



Please note the Notebook port will not allow charging of the power bank when the “PB” mode is selected for output. The

mode must be changed using the button on the side of the power bank before it can be charged.

Depending on the output voltage of the car, it may not be possible to charge the battery to 100% using the car charger.

USING THE POWERBANK TO CHARGE YOUR DEVICES

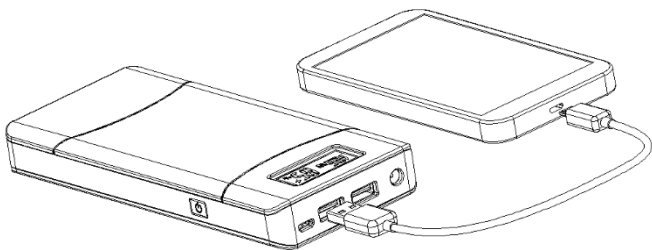
TURNING ON THE POWERBANK

Press the power button on the side of the power bank to turn the device on.

STANDARD USB DEVICE CHARGING

Output Port 1: 5V output port	Output Port 2: Quick Charge 3.0 port
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Connect a suitable lead into the appropriate USB socket on the power bank.



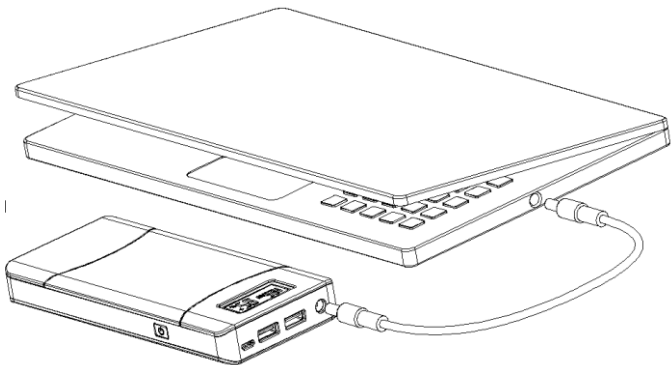
Please note that if using both USB ports, USB 2.0 will be reduced to only support 5V/2.1A output.

TURNING OFF THE POWERBANK

The power bank contains an intelligent detection function, and when the power bank detects it has finished charging, it will enter sleep mode to conserve energy before powering off automatically.

NOTEBOOK CHARGING

The power bank can also charge a laptop using the supplied notebook cable and the appropriate notebook connector. Before connecting your laptop, follow the guide below to ensure the output voltage of the power bank is set correctly.



The maximum output power of the power bank is 65W, and the maximum continuous power is 50W. This will be suitable for charging the majority of laptops on the market.

CHOOSING OUTPUT VOLTAGE OF THE NOTEBOOK PORT

Press the button on the side of the power bank, and hold in for 3 seconds to enter the voltage selection mode. The current voltage will flash on the screen. Repeatedly press the button until the voltage required is displayed. Leave the power bank for around 5 seconds until the voltage stops flashing. Press the button on the side to start output from the Notebook Port.

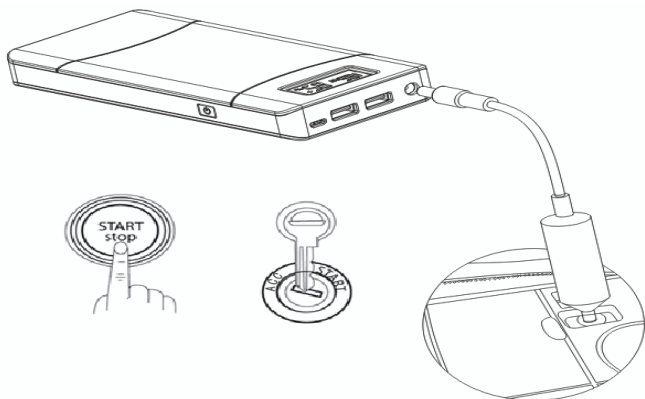
CAR CHARGING

Before attempting to charge your car, please ensure the power bank is charged to a suitable level (We would advise above 70%). Change the output voltage of the notebook port to “PB” following the information on the previous page.

To charge your car, ensure your ignition is on, so that the cigarette lighter socket is activated (either twist your key to the on position, or if your car has a Start/Stop button, press the button without pressing a pedal)

Use the supplied car charger cable to attach the notebook socket of the power bank to the cigarette lighter socket of the car, and then press the button on the side of the power bank to start charging.

Allow the power bank to charge the car for 15 – 30 minutes before attempting to start the car.



SPECIFICATION

Model No.	Eiq-LPB20QC
Capacity	20100mahAh (73WH)
Size	174* 78* 21.5 (MM)
N.W	About 420g
Cell type	Lithium Battery ICR18650
Input	Micro USB Port: 5V-12V/18W (MAX) Notebook Port: 13-20V /3A (MAX)
Output	USB Port 1: 5V/2.1A USB Port 2: QC3.0 3.8V-12V / 18W(MAX) Notebook Port: 12-24V/65W (MAX) (Continuous power around 50W)
Charge and discharge	Yes
Circuit protection	Over voltage protection, over current protection, under-voltage protection, over temperature protection, short circuit protection
Conversion efficiency	5V/2A≈93% 9V/2A≈95% 12V/2A≈97%
Full Charging time(input)	USB Port: around 5 hours (using a fast charge adapter) Notebook port car charger: Around 3.2 hours
Cycle times	≥500times
Charge temperature range	0°C ~+50°C
Discharge temperature range	-10°C ~+65°C
Storage temperature range	0°C ~45°C,within 30 days
Long-term Storage temperature range	0°C ~40°C,within 180 days
Storage humidity	45% ~85%RH
Long-term storage time	Advise charging it if it is not used within 90 days

ERROR CODES

If your power bank detects an issue with the power requested, it will cut off automatically and an error code will display on the screen.

Error Code	Description of Problem
OV	Over Voltage Protection
UV	Under Voltage Protection
OC	Over Current Protection
OT	Over Temperature Protection



According to Waste of Electrical and Electronic Equipment (WEEE) directive, WEEE should be separately collected and treated. If at any time in future you need to dispose of this product please do NOT dispose of this product with household waste. Please send this product to WEEE collecting points where available.

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