



User Manual

M320 20000mAh Power Bank



Please read this manual carefully and retain for future reference.

PACKAGE CONTENTS

- M320 20000mAh Power bank
- PD100W USB Charging Cable
- DC5521 Charging Cable plus 11x connectors
- User Manual
- Car Charger

SPECIFICATIONS

Battery Type: 21700 Lithium Battery

Battery Capacity: 3.7V/20000mAh 74Wh

Input: Type-C: 5V/2.4A ,9V/3A ,12V/3A,15V/3A,20V/5A
DC: 5-24V/5A Max.120W

Output: Type-C: 5V/2.4A ,9V/3A ,12V/3A,15V/3A,20V/5A
USB-A: 5V3A, 9V2A, 12V1.5A
DC: 5-24V/5A Max.120W

Dimensions: 140*85.8*24.2mm

Weight: 395g

Maximum Output Configurations:

1. Type-C: 100W
2. DC: 120W
3. USB-A: 18W
4. Type-C+USB-A: 100W+18W
5. Type-C+DC: 100W+100W
6. Type-C+USB-A+DC: 100W+18W+100W, 218W Max
7. USB-A+DC: 18W+120W

PRODUCT FEATURES AND PORTS



1. Power Button
2. USB Output Port
3. Type-C Input & Output Port
4. D5521 Input & Output Port
5. VREG-DC “+”
6. VREG-DC “-”
7. LED Digital display

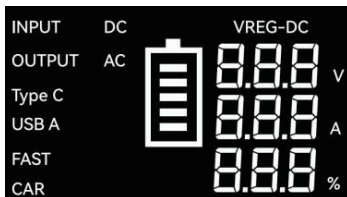
CHARGING THE POWER BANK

- Insert the Type-C connector of the supplied USB charging cable into the Type-C charging input port of the power bank. Insert the other connector into a 5V USB power source, such as a PD wall charger, Laptop, or USB of PC.
- If the power bank is switched on but is not being used, it will automatically switch off after approximately 5 seconds.
- The power bank can be charged directly through the main socket outlet using PD USB charger (not included).
- DC5521 power supply(12V-24V) can be used to charge the Power Bank

- If you are using a USB port of computer/ laptop to charge, it could take longer as the maximum output load from USB 2.0 is 0.5A and USB 3.0 Port will charge faster.

CHARGE STATUS DISPLAY

- Press On/off Button and the LED's will be on to show the remaining capacity
- The LED's will turn off automatically after approximately 5 seconds.



CHARGING YOUR DEVICE

- Plug the USB port of the supplied cable into one of the USB Ports located at the top of the power bank. Plug the Type-C USB port of the supplied cable into the charging port on your device. The battery LED Digital display will be on and indicate the capacity of the Power Bank.
- Note: Please ensure that your device is compatible with the USB connector of your cable. Alternatively, use your device's charging cable.
- The LED Digital display indicators will indicate the power bank's remaining capacity.

Charging a Laptop

(1) Plug one end of the Type-C cable into the Type-C port of the Power Bank, turn on the Power bank, and plug one end into the Type-C charging port of the laptop.

(2) Plug one end of the DC cable into the DC5521 port of the Power Bank, turn on the Power Bank, and plug the other end into the DC charging port of the laptop. (Pls choose the correct size of connector for your laptop).

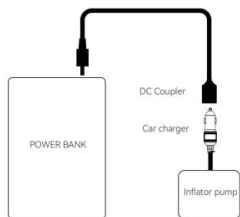
Charging Car Battery through Car Port:

1. First, turn on Power Bank and adjust the output voltage, long press the power button, when VREG-DC is displayed on the digital tube, adjust the "+" and "-" on both sides of the DC plug to adjust the voltage is 14V, and the "CAR" character will be displayed on the left of display.
2. After adjustment, long press the power button, and when the VREG-DC light is off, the adjustment is completed.
3. Connect to the car charger per the diagram below. Depending on the vehicle displacement, the device can be used to start the engine one time, after 5 to 10 minutes of charging.



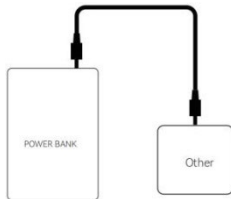
Using the DC5521 output to power tire pump

Turn on the Power Bank and adjust the output voltage 12~14V according to the above steps, and then connect the cable as below schematic diagram power the air pump.



Other equipment:

This product is suitable for other devices that support DC5521/12-24V charging.



SAFETY PRECAUTIONS

- Ensure responsible use of this device.
- Unplug the power bank when not in use.
- Do not expose the device or any of its components to water, fire, extreme temperatures or moisture.
- Do not attempt to disassemble or alter the product.
- Keep out of reach of children.
- Operate between 0~40°C
- Do not store in temperatures over 140 °F (60 °C)
- Do not restrict air circulation to the device

CLEANING AND STORING YOUR DEVICE

- Prior to cleaning, ensure the device is turned off and disconnected from a USB cable.
- Cleaning: Wipe down the surface of the device using a soft, slightly damp cloth.
- Do not use harsh or abrasive chemicals or materials to prevent damaging or scratching the finish.
- Store in a cool, dry place.

DISCLAIMER

All product and company names are trademarks or registered® trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by trademark or registration holders.

ENVIRONMENTAL DISPOSAL

At the end of your power bank's useful life, ensure proper disposal to prevent harm to the environment and human health. Take the device to a designated electronics recycling center, or retailer that offers electronic recycling. These facilities handle electronic waste correctly by safely recycling various components and properly

disposing of those that are hazardous. For more information about where to recycle your power bank, contact your local waste management authorities. Never dispose of used batteries / electronics with ordinary solid wastes, since they contain toxic substances. Always dispose of used batteries and electronics in accordance with the prevailing community regulations.

LIMITED WARRANTY

This product is covered by a one-year limited warranty that insures against manufacturing defects and faults. Should your device have visible damage or fail to perform due to a manufacturing defect or poor workmanship, please submit a return request with your proof of purchase for exchange or repair. This warranty commences from the date of purchase.

Note: The warranty does not apply to a product that:

- Failure or defect due to excessive wear and tear
- Apparent misuse, neglect, damage, or alteration
- Damage by Force Majeure including fire and flooding
- Apparent use or operation of the product that is contrary to the stated instructions outlined in this manual.

CUSTOMER SERVICE AND SUPPORT

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Thank you for choosing Chargetech.