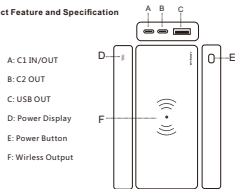


SUPER 20 USER GUIDE

To ensure right and safe use the product, please read the user guide carefully before using this product.

1. Product Feature and Specification



Specification

Name	SUPER 20 Fast Charge Graphene Power Bank
Battery Capacity	21700mAh(4.44V/48Wh)
Rated Output Capacity	5V1300mAh(Available)
Material	ABS+PC
Color	Black
Weight	545g
Size	135*75*25mm
Battery Type	18650 Graphene-Li Fast charge battery
Input(C1)	PD2.0 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5.0A (Max 100W) QC3.0 5V/3A, 9V/2A, 12V/1.5A (Max 18W)
C1 Output	PD2.0 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5.0A (Max 100W) QC3.0 5V/3A, 9V/2A, 12V/1.5A (Max 18W)
C2 Output	PD2.0 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5.0A (Max 100W) QC3.0 5V/3A, 9V/2A, 12V/1.5A (Max 18W)
USB Output	QC3.0 5V/3A, 9V/2A, 12V/1.5A (Max 18W) A/C 5V/3A, 9V/2A, 12V/1.5A (Max 18W) FCP 5V/3A, 9V/2A (Max 18W)
Wireless Output	5V/3A, 9V/1.5A (Max 18W)
Working Temperature	-20°C ~ 55°C
Certification	FCC, CE, RoHS
Control Standard	USB 2.0, USB 3.0
Warranty	1 Year

2. To Charge The Power Bank

The Type-C (C1) port of the power bank supports 5W-100W power input. Users can use PD Type-C charger and USB-C charger to charge the power bank.

(1) Use PD Type-C charger

The power bank supports PD2.0 input, supports 5V/3A (max), 12V/3A (max), 15V/3A (max), 20V/5A (max) different voltages and currents (power), any PD Type-C charger with the above power can be used to Power bank charging. The greater the input power, the faster the charging time of the mobile power supply. The fastest charging time of the mobile power supply is about 60 minutes.

(2) Use a USB-C charger on charging cable

In addition to the PD Type-C charger, users can also use the USB-C charger and charging cable to charge the power bank. The USB-C input supports QC fast charge protocol up to 18W.

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3. To Charge Other Devices

The output of SUPER 20 is four independent outputs, namely C1, C2, USB and wireless charging four output ports. The maximum output of each channel and the supported protocol are detailed in the basic parameters on page 1 above.

(1) Charge the smartphones

All 4 output ports can be used to charge mobile phones. When using, you only need to connect one end of the charging cable to the C1/C2/USB port of the power bank, and the other end to the mobile phone charging port. The power bank can intelligently identify the power required by the mobile phone. Corresponding voltage and current output. When using wireless charging to charge the phone, the phone itself needs to support the wireless charging protocol to directly charge the phone; if the phone itself does not have the wireless charging function, you need to add a wireless receiver to the phone to use it. It can support 4 mobile phones to charge at the same time.

(2) Charge the laptop

Both the C1 and C2 output ports of the power bank can be used to charge the laptop. The maximum output power of the C1 port is 100W, and the maximum output power of the C2 port is 45W (see the basic parameters on page 1 for details). There are two situations for charging a laptop, one is a laptop with a Type-C charging interface, and the other is a laptop with a non-Type-C charging interface.
* When charging a laptop with a Type-C charging port, you only need to connect one end of the original CC of the laptop (that is, both ends of the charging cable are Type-C ports) to the laptop charging port, and the other end to the power bank C1 or the C2 interface can charge the laptop. When charging, the power bank automatically recognizes the power required by the laptop to match the corresponding charging current and voltage.
* When charging a non-Type-C interface notebook computer, because the non-Type-C interface is a non-standard DC interface and there are many interface types, the power bank cannot directly charge this type of notebook computer; when charging, the user needs to be based on their own laptop interface type and power use a Type-C to DC adapter cable to convert the voltage and current. Specifically, the Type-C terminal is connected to the power bank C1 or C2 output interface, and the DC terminal is connected to the laptop charging input interface used.

Note: The Type-C to DC conversion cable needs to be purchased by the user and is not a standard accessory for SUPER 20.

(3) Charge Other Digital Devices

In addition to charging mobile phones and laptops, the SUPER 20 laptop power bank is also compatible with other USB digital devices, such as Bluetooth speakers, earphones, USB fans, cameras, handheld games, Gamepads, etc.

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4. FAQ

(1) How long can I fully charge the power bank?

Answer: The fastest is about 60 minutes.

(2) Why can it be charged so fast?

Answer: Use graphene-lithium high-rate special fast charge battery, support high power input (maximum 100W; ordinary power supply only 10W), so it can be charged quickly.

(3) Can any charger be used to charge it in 60 minutes?

Answer: No. A full charge in 60 minutes requires a charger power of more than 90W (original or non-original); if the charger power is low, the charging time will be relatively longer.

(4) Is the higher the charger power, the faster the charging?

Answer: Yes. But the premise is that it is within the range that the power bank itself can support; ordinary power banks do not support high-power input, so even using our 90W chargers can not quickly fill ordinary power banks.

(5) How long can your mobile phone be charged with your power bank?

Answer: The phone itself has a rated input power (for example, rated 5W or 10W or 18W), so how long the phone can be fully charged mainly depends on the rated input of the phone itself rather than the power bank; in general, the charging time of the phone with the mobile power The original mobile phone charger is the same.

(6) Why does the power bank heat up more obviously when charging? Is it dangerous?

Answer: Because the input current is relatively large during fast charging, the heat is slightly higher than that of ordinary power banks; but this temperature is a normal safe temperature, and the power bank has a variety of built-in temperature control protections; it will not cause danger.

(7) How many times can the power bank charge the mobile phone?

Answer: The phone can be charged 5-6 times, depending on the battery capacity of the phone.

(8) How long can the power bank supply power to the laptop?

Answer: Charge the laptop for about 80 minutes, depending on the input power of the laptop.

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5. Precautions

To ensure safety using, please take note of the following precautions:

- Do not charge other devices while charging the power bank.
- Please do not charge the power bank with power over 100W.
- Do not put this product in high temperatures, damp environments, or expose it to direct sunlight.
- Do not place this product near flammable substances, high-pressure equipment or heaters.
- Do not throw, squeeze, disassemble or pierce the power bank
- Please do not make contact with the power bank when your body is wet.
- Do not throw this product in fire, water, or corrosive liquid.
- This product was built-in battery. The battery may be dangerous under certain circumstances, so it is not suitable for specific groups of people. These groups include, but are not limited to: Children, those with limited physical or mental functions.

If any issue in using process, please contact with local distributor or send us Email at sales@appearhome.com.

APPEAR INC.
Tel: (415)987-9960 Email: info@appearhome.com Web: www.appearhome.com
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SAN FRANCISCO, CALIFORNIA, 94105



MADE IN CHINA

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Please Tear Off The Warranty Card Along The Dotted Line And Keep It

Warranty Card of SUPER 20 Power Bank

Product Model	
Sales Date	
Distributor	
Distributor telephone	
Distributor address	
Problem description	

The warranty terms

1. The product is provided with a one-year free warranty from the date of sale. Beyond the warranty period, the cost price for maintenance will be charged.
2. The product damaged by human and force majeure factors does not belong to warranty.
3. If it is damaged because of unfollowing the instructions, the factory will not provide replaced or repaired services.
4. This card is the certificate for warranty, please keep it properly.
5. The company reserves the right to modify and interpret all content.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.