

Omni 20C+

User Manual

www.omnicharge.co

..omnicharge™

BEFORE USING THE OMNI 20C+

Calibrate the battery

To ensure a correct battery readout, calibrate the battery when you first receive the product and periodically in the future.

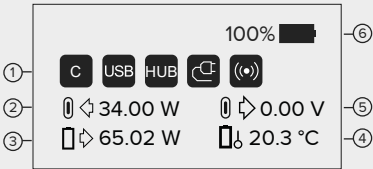
1. Fully discharge the Omnicharge until it cannot be turned on. Press the Power Button and you should see an empty battery icon on the screen.

2. Fully charge your Omnicharge to 100% to finish the calibration. Once you see a fully charged battery icon, you can power the Omnicharge back on.

Note: When not in use, the Omnicharge should be stored at full battery and fully charged at least every 6 months to avoid over depletion. Failure to do so can cause the battery to malfunction and is not covered by warranty.

SCREEN

OLED SCREEN WITH REAL TIME METRICS



1. Status Icons
2. USB-C port 1 input(w) output(v)
3. Battery Power Output (watts)
4. Battery Temperature
5. USB-C port 2 input(w) output(v)
6. Battery Percentage

BUTTON FUNCTIONS

PRIMARY CONTROLS

- Long press to power On
- Long press to power Off
- On/Off USB-C ports
- On/Off Hub Mode

MENU CONTROLS

- Double press to enter the menu
- Quick press to select
- Move Up
- Move Down



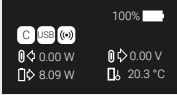
WIRELESS CHARGING

MAX OUTPUT 10W

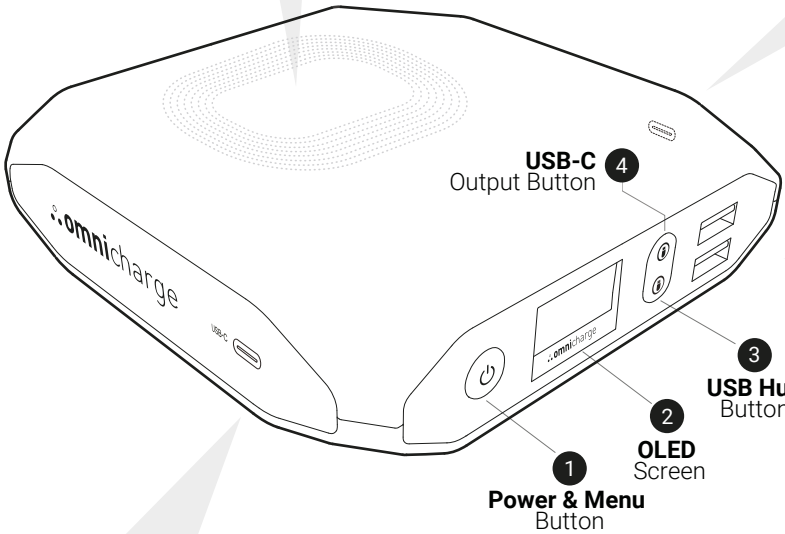
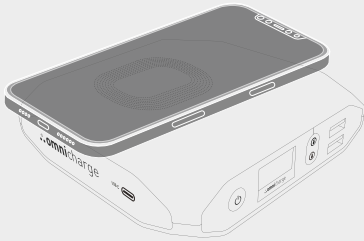
Place your phone on top of the Omnicharge to get fast and reliable wireless charging. For optimal wireless charging, align your phone horizontally with the back edge of the Omnicharge as shown in the picture.



You will see a flashing wireless icon when the phone has been detected.



Note: The optimal charging range varies depending on the size of the receiver coil of your phone. Some phone models have small receiver coils and can experience sudden interruptions after few seconds of charging. This is because of minor alignment deviations between the transmitter and receiver coil. Please lift up the phone, wait a few seconds and finetune the position until you get a stable wireless charge.



USB-C PORT 1

USB PD MAX OUTPUT 60W

Short press the USB-C output button to turn the USB-C ports on/off.

Note: Make sure the Omni 20C+ is powered on before plugging in your devices, otherwise your device will recharge the Omni 20C+.



PASS-THROUGH CHARGING

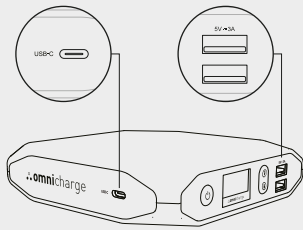
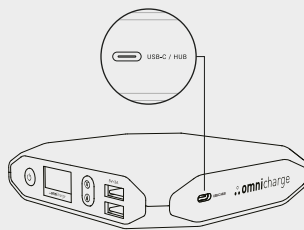
Pass-through charging means that you input power to the Omnicharge while outputting power to your device (passing the power through the Omnicharge).

All Omnicharge products support pass-through charging. This means that you can input power through one of the USB-C ports and output power through any of the other ports.

HOW TO USE HUB MODE

USB-C PORT 2

Use the Omni 20C+ as a USB hub and transfer files between your smartphones, flash drives, cameras or laptops.



1. Connect the USB-C/HUB port (on the right side) to a USB-C port on your laptop .

2. Initiate HUB mode by short pressing the HUB button (bottom button), and a HUB icon will appear on the screen.

Note: The left USB-C port (port 1) and the USB-A ports can be used to transfer files from smartphones, flash drives, cameras or other standard USB-A or USB-C devices.



USB-C PORT 2

USB PD MAX OUTPUT 100W

The high powered 100W USB-C port can directly charge your laptop and mobile devices. The USB-C port is plug-and-play, just plug your USB-C device into the USB-C port to start charging.

Note: If your USB-C output does not immediately connect, try to reconnect the USB-C cable.



Cameras



Gaming Devices



Smartphones



Tablets



Laptops



And more



USB-A PORTS

MAX OUTPUT 18W

USB-A Ports: Quick Charge QC3.0 compatible, 18W Max

* Combined USB-A/USB-C ports max output: 120W



RECHARGING THE OMNI 20C+

1) CHARGING VIA USB-C

USB-C input: 45W Max

Use the included USB charging cable to recharge your Omnicharge from a usb source. A fast charger can be purchased separately. Most USB-C laptop chargers can also be used to recharge the Omnicharge.

Note: If the Omnicharge does not detect incoming power, try to plug in your USB-C charger while the Omnicharge is turned off. Once charging has started, you can power on the Omnicharge to utilize pass-through charging.



AC wall charger
3 hours



USB sources
5-7 hours



Car power port (12V)
3 hours



Laptop adapter
3 hours

OMNICHARGE ONE-YEAR LIMITED MANUFACTURER’S WARRANTY

Omnicharge warrants that its hardware product shall be free from defects in materials and workmanship for one (1) year beginning from the date of original retail purchase. Omnicharge does not warrant against normal wear and tear, nor damage caused by accident or abuse.

See www.omnicharge.co/warranty for specific warranty information about your product and procedures to act on a warranty claim. Omnicharge’s entire liability and your exclusive remedy for any breach of warranty shall be at Omnicharge’s option, to repair or replace a functional equivalent of the product. You may be required to furnish proof of purchase details when making a claim under this warranty. Warranty protections are in addition to rights provided under local consumer laws and may vary among countries, states and provinces. See the full warranty information to know your consumer rights and the additional protections provided by this product warranty.

www.omnicharge.co/warranty

CUSTOMER SUPPORT

All Omnicharge products have gone through quality inspection. If you find your Omnicharge or any Omnicharge accessory is demonstrating any abnormal behavior, immediately stop all product use and contact us at: support@omnicharge.co, or visit our help center at <https://support.omnicharge.co>



FREQUENTLY ASKED QUESTIONS

1. What is USB PD (Power Delivery)?

The USB-C port on the Omni 20C+ supports USB PD. This is a unified charging standard that uses standardized voltages which allows one universal USB-C charger to power other PD compatible devices like laptops, tablets, or phones.

2. Can the Omni 20c+ power any USB-C laptop?

Modern laptops generally conform to USB power delivery standards. To determine what USB PD voltages your laptop is compatible with, you can check the power specs underneath your laptop. The Omni 20C+ can provide up to 100W from the right port and up to 60W on the left.

3. Why is my Omnicharge outputting power when nothing is connected?

This is perfectly normal behavior. The passive power draw can vary from 0.2W-1.5W and is required for the onboard circuits and display.

4. Can I carry my Omnicharge with me on a plane?

Yes, the Omni 20C+ can be brought with you in your carry-on luggage. The standard across most airlines is that you can carry up to 100Wh battery packs. If you are unsure, please check with your airline.

5. Can I charge the Omnicharge while powering my devices?

Yes, this is known as pass-through charging. The Omni 20C+ can input from either USB-C port, and output from all other ports at the same time.

SCREEN ICONS

 USB-C OUTPUT USB-C ports are turned on.	 WIRELESS CHARGING Wireless charging is active.
 USB-A OUTPUT USB-A ports are turned on.	 OPTIMAL CHARGING Charging at maximum power.
 RECHARGING Your Omnicharge is being charged.	 HUB HUB mode is activated.
 OVERPOWER PROTECTION Your device is drawing too much power. Omni 20 USB-C will limit or cut off its output power.	 OVERVOLTAGE PROTECTION The input voltage is exceeding its limit. Charging circuit is shut off.
 LOW TEMPERATURE PROTECTION Battery's temperature is too low and the charging circuit is shut off.	
 LOW POWER PROTECTION Occurs when outgoing power is higher than incoming power and battery is empty. Omnicharge will cut off the outgoing power until a sufficient battery level has been reached.	
 OVERHEATING PROTECTION Battery temperature is too high. Omni 20 USB-C will limit or cut off its input and output power.	

SAFETY AND HANDLING

Read all instructions and cautions carefully before use to avoid personal injury or damage to the unit and any connected products.

1. Handling

Set up your Omnicharge on a hard, stable work surface which allows for adequate air ventilation around the power bank. The Omnicharge may be damaged if dropped, burned, punctured, crushed, exposed to heat or moisture. Do not use a damaged Omnicharge as it may cause injury.

2. High Temperature

Do not store the device in high-temperature environments, including heat caused by intense sunlight or other forms of heat. Do not place the device in excessively hot environments like cars or near fire.

3. Shock or Fire Hazard

Omnicharge products with AC output generate the same potentially lethal AC power as a normal household wall outlet. Please use it carefully just like using a normal AC wall outlet. DO NO insert foreign objects into outputs or ventilation holes.

4. DC Output

Omnicharge products with DC output operate on a specified voltage. Check your device specifications for the operating voltage before use. Improper use of DC output may harm your device.

5. Battery

Your Omnicharge is not user serviceable, do not attempt to replace or modify the battery yourself, this may damage the battery which can cause overheating, fire or injury. Improperly replaced batteries may present a risk of leakage, explosion and personal injury. Any manipulation to the unit or its components will void all warranties

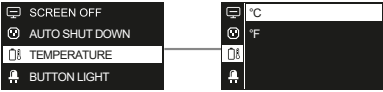
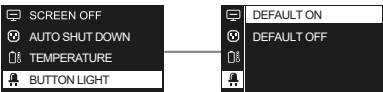
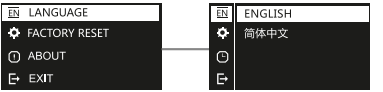
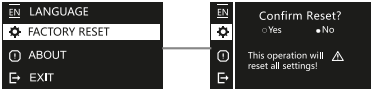
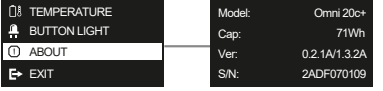
6. Recycling

The battery in your device should be serviced or recycled by an authorized service provider, and must be recycled or disposed of separately from household waste. Dispose of batteries according to your local environmental laws and guidelines. If no laws or regulations govern, dispose of your Omnicharge in a waste bin for electronics.

NOTICE

This product is meant for use only in conjunction with appropriate devices. Please consult your device packaging to determine whether this product is compatible with your particular device. The manufacturer is not responsible for any damages to any device incurred through the use of this product. The manufacturer shall not in any way be liable to you or to any third party for any damages you or any third party may suffer as a result of use, intended or unintended, or misuse of this product in conjunction with any device or accessory other than the appropriate device for which this product is designed. The manufacturer shall not be responsible for any damages you or any third party may suffer as a result of misuse of this product as outlined above. You are responsible for product use with an unintended device and any damages resulting from such use. You agree to indemnify the manufacturer for any resulting injuries to any third party(ies).

MENU NAVIGATION

1. SCREEN OFF TIMER Set the screen auto shut-off time here. The default setting is 5 min.	
2. AUTO SHUT DOWN Set the power auto shut-off time here. The default setting is 5 min.	
3. TEMPERATURE Choose whether your temperature is displayed in celcius or fahrenheit.	
4. BUTTON LIGHT Choose whether the button lights are on or off. The default setting is on.	
5. TIME REMAINING Choose whether the time remaining is displayed.	
6. LANGUAGE Choose the screen language.	
7. FACTORY RESET Reset the Omnicharge to factory settings.	
8. ABOUT Find the model name, capacity, firmware version, and serial number information here.	

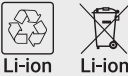
POWER YOUR NEXT ADVENTURE

 Smartphone Up To 4 Charges	 Tablet Up To 2 Charges	 13" Laptop Up To 1 Charge	 DSLR Camera Up To 4 Charges	 Gaming device Up To 3 Charges	 Action Cam Up To 8 Charges
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TECHNICAL SPECS

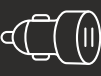
GENERAL Weight: 1.18 lbs (533 g) 5.0"x 4.8"x 1.1" (12.7 x 12.2 x 2.7 cm) Combined output all ports: 120W	WIRELESS CHARGING Output: 10W
USB-C PD enabled Input/output charging Input: 5V≡3A, 9V≡3A, 12V≡3A, 12V≡3A, 15V≡3A, 20V≡3A, 45W Max USB-C Port 1 (Left): 5V≡3A, 9V≡3A, 12V≡3A, 15V≡3A, 20V≡3A, 60W Max USB-C Port 2 (Right): 5V≡3A, 9V≡3A, 12V≡3A, 15V≡3A, 20V≡5A, 100W Max	CAPACITY 6 cells, 71Wh
USB-A Output Port1: QC 3.0, 5V≡3A, 9V≡2A, 12V≡1.5A, 18W Max Port2: QC 3.0, 5V≡3A, 9V≡2A, 12V≡1.5A, 18W Max	OPERATING ENVIRONMENT Temperature 0°C-40°C Humidity 30-70% Altitude ≤2000m

MADE IN CHINA
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JOIN OUR COMMUNITY TODAY

And get one of these accessories:

 Fast Charger	 USB-C Cable	 Car Charger	 Protective case
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SCAN QR CODE

To register your Omni 20C+ and claim your free accessory.

Visit <https://www.omnicharge.co/community>