



# **Omni 20c+** User Manual



[www.omnicharge.co](http://www.omnicharge.co)

## ***POWER YOUR NEXT ADVENTURE***

For more information visit our ***support*** page at [www.omnicharge.co/support](http://www.omnicharge.co/support)

# **BEFORE USING**

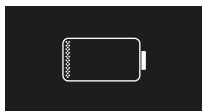
## **Calibrate the battery**

To make sure the battery percentage reading is correct, make sure to calibrate the battery within the first seven days of receiving the product.

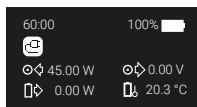
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**It's easy to do. Follow these steps:**

1. Fully discharge Omnicharge until the screen turns off. Press the Power Button and you should see an empty battery icon on the screen.



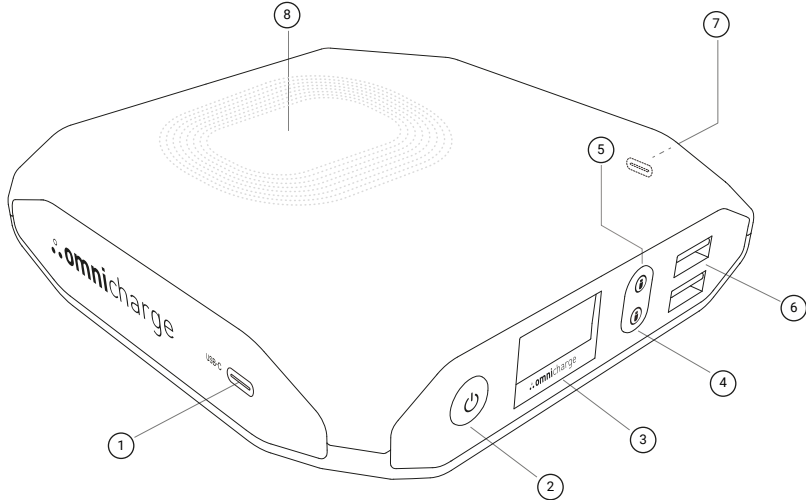
2. Fully charge your Omnicharge to 100% to finish the calibration.



*Note: The Omnicharge battery needs to be recharged 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.*

# PORTS AND BUTTONS

**Note:** For optimal wireless charging, place phone horizontally towards the back of the Omnicharge.



- 1. 60W USB-C port
- 2. Power and Menu Button
- 3. OLED Screen
- 4. USB Hub Button

- 5. USB-C Output Button
- 6. Quick Charge USB (QC 3.0 Compatible)
- 7. 100W USB-C port
- 8. Wireless Charging

# 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



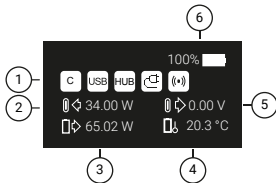
- Double press to enter the menu
- Quick press to select



- Move Up
  - Move Down
- 

# SCREEN

OLED screen with real time metrics



*Note: When you are pass-through charging, the battery output field will show a lower value and can even show 0W output, since the output field is showing how much power is output from the battery and not how much is output from the port.*

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# SCREEN ICONS



## USB-C OUTPUT

USB-C ports are turned on.



## USB-A OUTPUT

USB-A ports are turned on.



## BATTERY LIMITING FUNCTION

Battery Limit for charging/discharging is activated.



## HUB

HUB mode is activated.



## RECHARGING

Omni 20 USB-C is being recharged.



## OPTIMAL CHARGING

Omni 20 USB-C is being charged at maximum power (45W).



## LOW TEMPERATURE PROTECTION

Battery's temperature is too low and the charging circuit is shut off.



## OVERHEATING PROTECTION

Battery temperature is too high. Omni 20 USB-C will limit or cut off its input and output power.



## LOW POWER PROTECTION (Only under pass-through charging)

Omni 20 USB-C will cut off the output power and only allows input when the battery level is low.



## OVERPOWER PROTECTION

Your device is drawing too much power. Omni 20 USB-C will limit or cut off its output power.



## OVERVOLTAGE PROTECTION

Input voltage is exceeding its limit. Input charging circuit is shut off.

# 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.

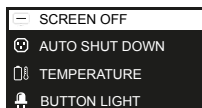
## 3. TEMPERATURE

Choose whether your temperature is displayed in celcius or fahrenheit

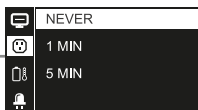
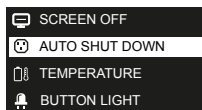
## 4. BUTTON LIGHT

Choose whether the button lights are on or off. The default setting is on.

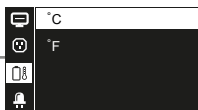
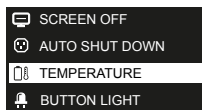
1.



2.



3.



# MENU NAVIGATION

## 4. BUTTON LIGHT

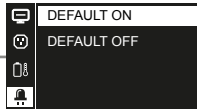
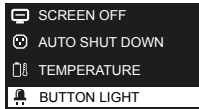
Choose whether the button lights are on or off. The default setting is on.

## 5. ABOUT

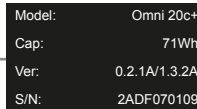
Find the model name, capacity, firmware version, and serial number information here.

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4.



5.





## RECHARGE THE OMNI 20 USB-C

USB-C port max input: 45W

Fully recharge in 3 hours

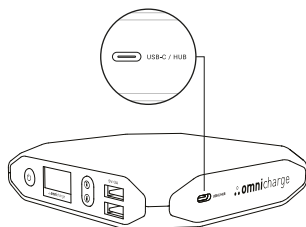
**From either USB-C port:**

Plug in a USB-C wall charger and it will start recharging the Omni 20 USB-C.

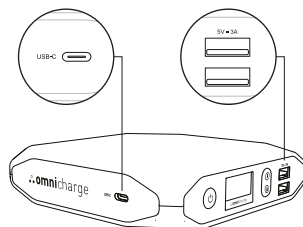


## HOW TO USE HUB MODE

Use the Omni 20 USB-C 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. The secondary USB-C port (left side) and the 2 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 PORTS



Left USB-C port max output: 60W  
Right USB-C port max output 100W

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

*Note: Make sure the Omni 20 USB-C is powered on before plugging in your device. Otherwise your device will recharge the Omni 20 USB-C*

## USB-A PORTS



USB Port 1: 18W, QC 3.0 Compatible  
USB Port 2: 18W, QC 3.0 Compatible

★ Combined USB-A/USB-C ports max output: 100W

Power any device.



Action Cameras



Gaming Devices



Smartphones



Tablets



Laptops



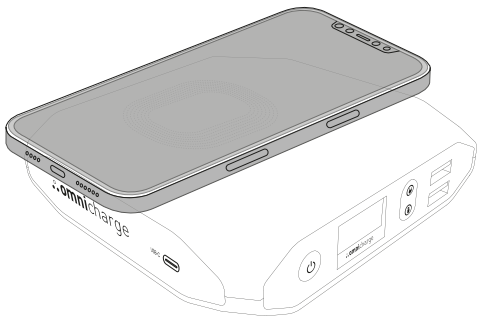
And more

# WIRELESS CHARGING

## Qi wireless charging 10W Output

Simply 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.



Wireless Charging



*Note: The range of the optimal charging area 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 fine-tune your phone's position until it gets stable wireless charging.*

# TECHNICAL SPECIFICATION

## GENERAL

Weight: 1.1 lbs (506 g)

Dimension: 5.0"x 4.8"x 1.1"(12.7 x 12.2 x 2.7 cm)

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## USB-C

Bidirectional Input/output charging

Input: USB-PD, 5V~20V, up to 3A, 45W max

Output Left USB-C Port: 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=3A, up to 3A, 60W max

Output Right USB-C Port: 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=3A, up to 5A, 100W max

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## 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

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## WIRELESS CHARGING

Output: 10W

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## CAPACITY

6 cells, 71Wh (20,100mAh at 3.6V)

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## OPERATING ENVIRONMENT

Temperature 0°C-40°C

Humidity 30-70%

Altitude ≤2000m

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## MADE IN CHINA

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***THANK YOU***

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# CUSTOMER SUPPORT

All Omnicharge products have gone through quality inspection. If you find your Omnicharge or any Omnicharge accessory is experiencing or demonstrating any abnormal behavior, immediately stop all product use and contact us at **[support@omnicharge.co](mailto:support@omnicharge.co)**.

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