



Omni Ultimate Quick Start Guide

POWER YOUR NEXT ADVENTURE

For more information visit our ***support*** page at www.omnicharge.co

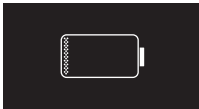
BEFORE USING

Calibrate the battery

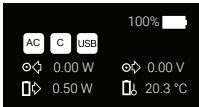
To make sure the battery reading is correct, please calibrate the Omnicharge battery when you first receive the product and periodically in the future.

It's easy to do. Follow these steps:

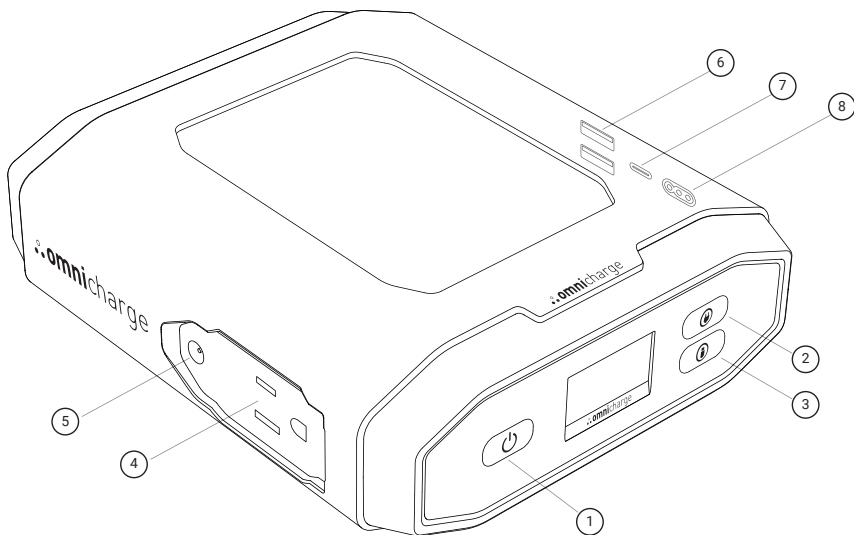
1. Fully discharge Omnicharge until the screen turns off. Press the Power Button and you should see an empty battery icon on the screen.



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



PORTS AND BUTTONS







1. Power and Menu Button
2. AC Outlet Button/Move Up
3. DC Outlet Button/ Move Down
4. AC Outlet





5. DC Input Port
6. USB-A Ports
7. USB-C Input / Output Port
8. DC Output Port

BUTTON FUNCTIONS


MAIN CONTROLS

-  • Long press to power on
 -  • Quick press to turn screen display on/off
 -  • On/Off AC outlet
 -  • DC out settings
-

MENU CONTROLS

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

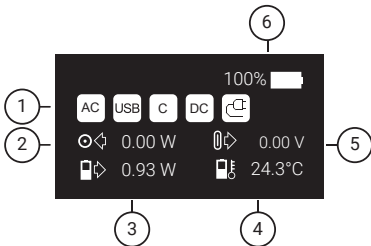
LOCK MODE

-  • Long Press to enter lock mode

While your Omni Ultimate is powered on press and hold the AC button to enter Lock Mode. Lock mode locks the device and turns off all lights while still outputting power from the ports. Press and hold the AC button to deactivate Lock Mode.

SCREEN

OLED screen with real time metrics



1. Status Icons
2. Total Input Wattage
3. Total Output Wattage from the Battery
4. Battery Temperature
5. USB-C/Barrel DC Output Voltage
6. Battery Percentage Remaining

SCREEN ICONS



AC OUTPUT

AC outlet is activated.



USB OUTPUT

USB ports are turned on.



USB-C OUTPUT

60W USB-C output is activated.



ADJUSTABLE DC OUTPUT

Adjustable 5V-60V DC output is activated.



CHARGING INPUT

Your Omnicharge is being charged.



OPTIMAL CHARGING

Charging at maximum power.



SOLAR CHARGING

Charging from solar power.



LOW TEMPERATURE PROTECTION

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



LOW POWER PROTECTION (ONLY DURING PASS-THROUGH)

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.



OVERPOWER PROTECTION

Device is drawing too much power. Omnicharge will limit or cut off the output power.



OVERHEATING PROTECTION

Battery temperature is too high. Omnicharge will limit or cut off its input and output power.




OVERVOLTAGE PROTECTION

Barrel input voltage exceeds the 32V limit. Input charging circuit is shut off.

MENU NAVIGATION

 While the screen is on double press the power button to enter the menu

 When in the menu, navigate up and down using the buttons on the right of the screen. Use the power button to enter the selected menu item.

1. DC OUT

Turn on DC output and set the voltage and amperage.

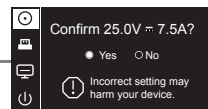
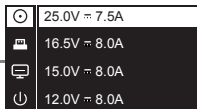
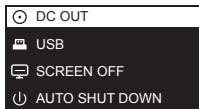
2. USB

Choose whether your USB-A ports are on or off when you turn on your Omnicharge. The default setting is on.

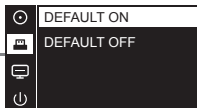
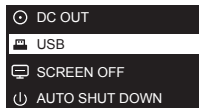
3. SCREEN OFF TIMER

Set the screen auto shut-off time here. The default setting is 5 min.

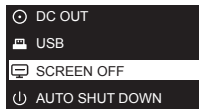
1.



2.



3.



MENU NAVIGATION

5. AUTO SHUT DOWN

Set the power auto shut-off time here. The default setting is 5 min.

6. TEMPERATURE

Choose whether your temperature is displayed in celcius or fahrenheit

7. BUTTON LIGHT

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

8. ABOUT

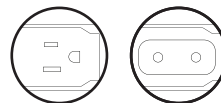
Find the model name, capacity, firmware version, and serial number information here.



AC OUTLET

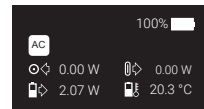
Max output power: 120W

1. Quick press AC Output Button to turn the AC outlet on/off
2. The AC icon should appear on the screen



US/JP

EU



AC

120V/230V AC output

Power any device



Laptop



TV



Drone



DSLR



Projector



And more

Note: Due to the high power pure sinewave AC output, you might experience some electrical interference on the USB-A and USB-C ports when simultaneously outputting from the AC outlet.

DC OUTPUT

5V - 60V with 0.1V/A Accuracy, up to 8A (150W max)

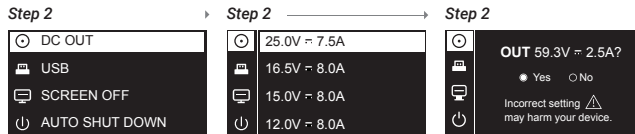


The DC output feature can directly charge your laptop without needing your laptop charger.

Warning: Before using DC Output make sure you know the correct voltage for your laptop. **Using the wrong voltage can damage your device.**

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

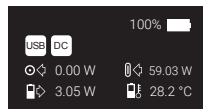
Set the voltage and amperage through the menu
(You can also click the DC Output Button to jump to Step 2)



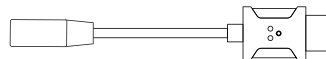
Omnicharge keeps 4 voltage presets. You can press and hold the power button while selecting a preset to customize the voltage and amperage.

DC icon will appear on the screen

DC Adjustable DC output



Power your device through the DC port (MR30)



To make the Omni Ultimate compatible with our older 5.5 x 2.1mm barrel cables, we have included an DC output barrel adapter.

USB-A PORTS

5V/3A, 9V/2A, 12V/1.5A QC3.0 compatible

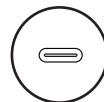


1. Choose whether the USB output is on or off when you turn on your Omnicharge

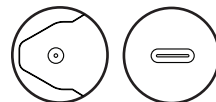


USB-C INPUT/OUTPUT PORT

5V, 9V, 12V, 15V, 20V, up to 3A 60W max



THE OMNICHARGE CAN BE RECHARGED IN A VARIETY OF WAYS



DC Input 5-32V, 4.5A max, 90W max

USB-C Input 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A, 60W max

Charging from the Wall

Use the included AC wall charger, or other power adapters like your laptop charger to recharge your Omnicharge.

*Note: Make sure the output voltage of your adapter falls within 5V - 32V range.
The Omni Ultimate can accept 5.5 x 2.5 mm barrel plugs.*

THANK YOU

www.omnicharge.co

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.

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