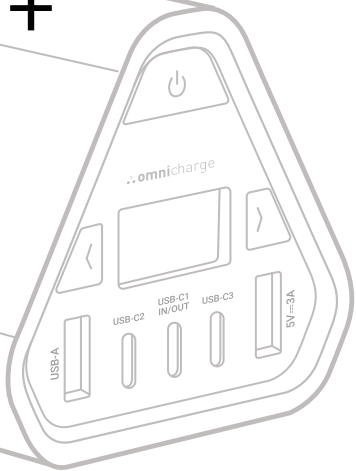


Omni 40+

User Manual



www.omnicharge.co



DC PORT

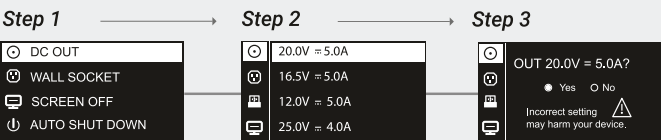
MAX OUTPUT 5A - 100W

5V - 25V
WITH 0.1V ACCURACY

The DC output feature allows you to directly output DC power through the barrel port. To use this feature you will need to know the voltage and amperage of your device and have a compatible cable.

Warning: Using the wrong voltage may damage your device.

Enabling DC Output



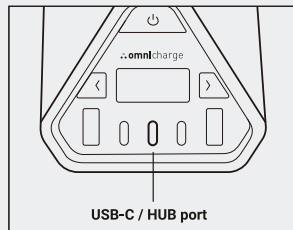
Omnicharge keeps 4 voltage presets. You can press and hold the power button while selecting a preset to customize the voltage and amperage.

DC Once active, a DC icon will appear on the screen.

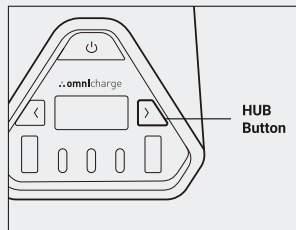
HOW TO USE HUB MODE

USB-C PORT IN/OUT

Use the Omni 40+ as a USB hub and transfer files between your smartphones, flash drives, cameras or laptops.



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



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

Note: 1. All the remaining USB-C ports and USB-A ports can be used to transfer files from smartphones, flash drives, cameras or other standard USB-A or USB-C devices.
2. HUB mode is disabled when temperature is below 10°C



USB-A PORTS

MAX OUTPUT 18W

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



USB-C PORTS

MAX OUTPUT 100W (COMBINED OUTPUT 150W)

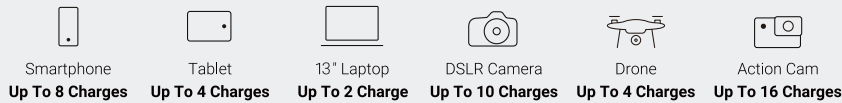
USB-C Main Port (Port 1): 100W Max

USB-C Ports 2&3: 30W Max

The USB-C ports are always on and need no configuration. Simply plug your USB-C device into any USB-C port to start charging.

Note: The USB-C1 and DC port share the same power circuit and cannot be used at the same time.

POWER YOUR NEXT ADVENTURE



BEFORE USING THE OMNI 40+

Calibrate the battery

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

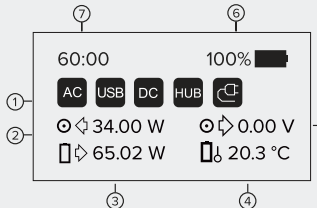
1. Fully discharge the Omnicharge until it cannot be turned on. Press the Power Button and you should see an empty battery icon on the screen.
2. Fully charge your Omnicharge to 100% to finish the calibration. Once you see a fully charged battery icon, you can power the Omnicharge back on.



Note: When not in use, the Omnicharge should be stored at full battery and fully charged at least every 3 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. Power Input (watts)
3. Battery Power Output (watts)
4. Battery Temperature
5. DC Output Voltage
6. Battery Percentage
7. Time Remaining

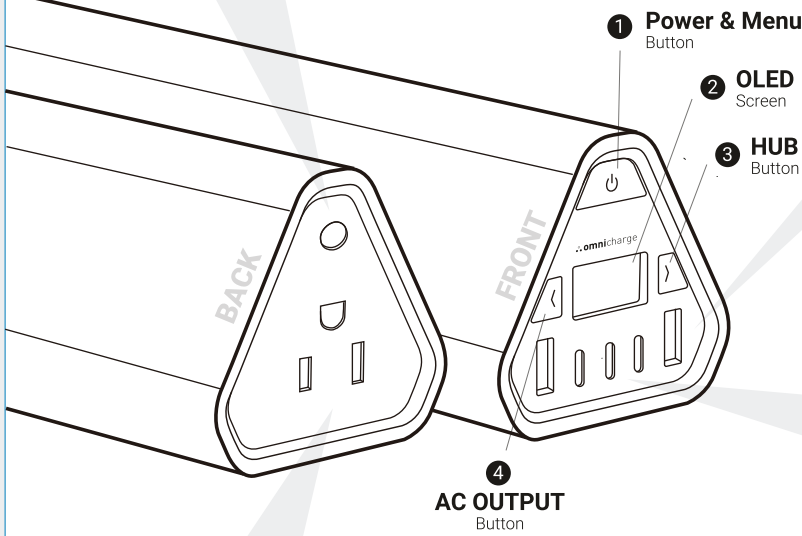
BUTTON FUNCTIONS

PRIMARY CONTROLS

- Long press to power On
- Long press to power Off
- Left Button: On/Off AC Outlet
- Right Button: On/Off HUB

MENU CONTROLS

- Double press to enter the menu
- Quick press to select
- Left Button: Move up
- Right Button: Move down

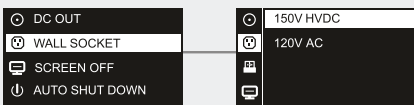


AC OUTLET

MAX OUTPUT 100W

To change the AC output mode, double press the Power Button to enter the menu and select Wall Socket.

1. Choose 120V AC/150V HVDC mode in the menu



Note: 150V HVDC is recommended if you are using a switch mode power supply, such as laptop's AC power adapter. Check our support page at www.omnicharge.co for more detailed information. 150V HVDC for US/ 300V HVDC for EU

2. When AC/HVDC is active, the following icons should appear on the screen

AC AC output **HV DC** HVDC output

3. Power any device
- Laptop, TV, Drone, Camera, Projector, And so much more



RECHARGING YOUR OMNICHARGE

1) FROM THE USB-C PORT

USB-C port max input: 90W

Connect a USB-C wall charger and it will automatically start recharging the Omni 40+. If the Omnicharge does not detect incoming power, try to plug in your USB-C charger while the Omnicharge is turned off.

2) FROM THE BARREL PORT

DC Input 5V - 25V, Up to 5A, Max 90W

To charge from the barrel port make sure you have a compatible charger. The Omni 40+ uses a common 5.5 x 2.5mm connector and accepts voltages in the 5V-25V range.

Note: The USB-C and DC port share the same power circuit and cannot be used at the same time.



AC wall charger
3-4 hours



Solar (up to 90W)
3-6 hours



Car power port (12V)
3-6 hours



Laptop adapter
3-6 hours



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 the USB-C or DC port, and output to the AC, USB-A.

