

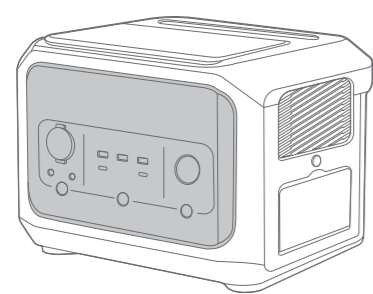
For more information, please visit:



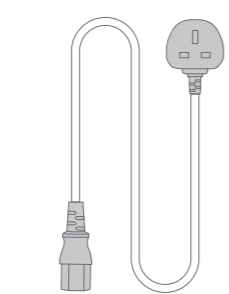
## PowerStation 600

| OPS-5601 |

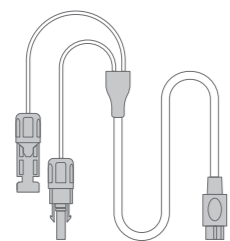
### PACKAGE CONTENTS



Portable power station x 1



AC input power cable x 1

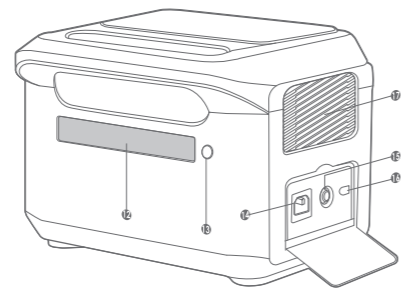
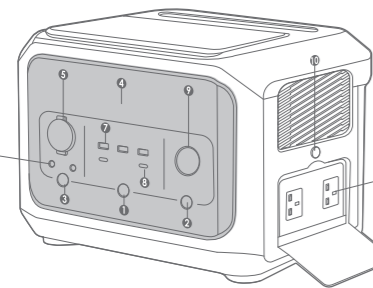


Solar panel charging cable x 1



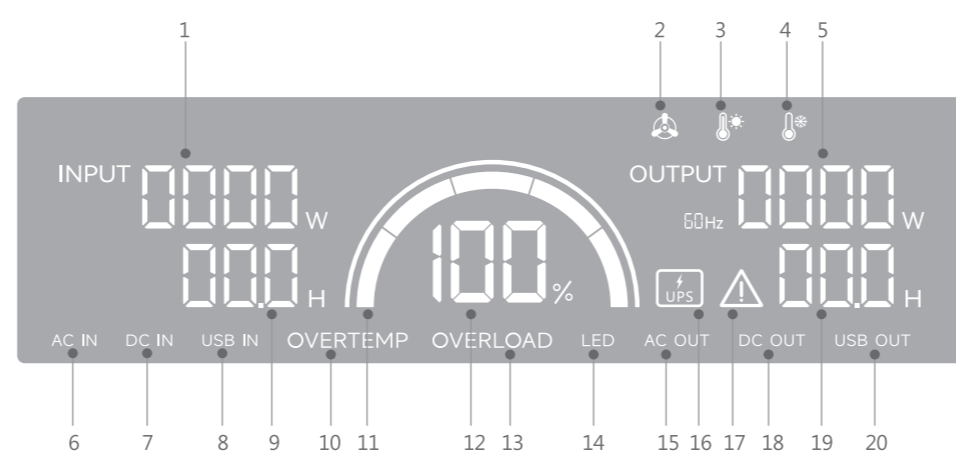
Usage instruction x 1

### PRODUCT OVERVIEW



- |                            |                   |                        |
|----------------------------|-------------------|------------------------|
| ● Power Switch             | ● USB-A Output    | ● Reading Light        |
| ● High Beam Light Switch   | ● USB-C Output    | ● Reading Light Switch |
| ● DC Switch                | ● High Beam Light | ● AC Input             |
| ● Digital Screen Display   | ● AC Switch       | ● Overload Protection  |
| ● Cigarette Lighter Output | ● AC Outlet       | ● DC Input             |
| ● DC5521 Output            |                   | ● Fan Intake Vent      |

### DIGITAL SCREEN DISPLAY



1. Input Power Display
2. Fan Indicator
3. High Temperature Warning
4. Low Temperature Warning
5. Output Power Display
6. AC Input
7. DC Input
8. USB Input
9. Time Display of Input Power
10. Overheating Display
11. Battery Level Indicator
12. Digital Battery Level Indicator
13. Overload Display
14. LED Lighting
15. AC Output
16. UPS Indicator
17. Triangle Warning Mark
18. DC Output
19. Time Display of Output Power
20. USB Output

### BASIC PRODUCT SPECIFICATIONS

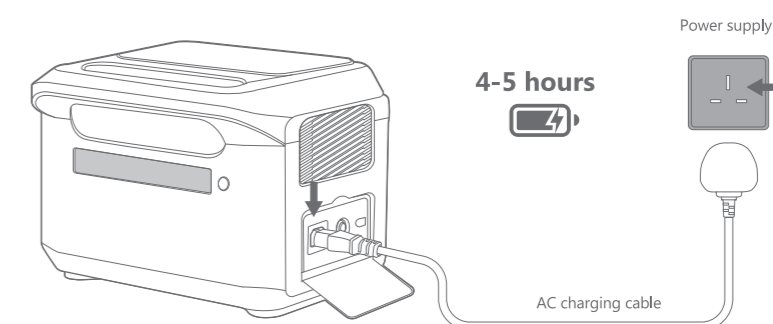
Battery Capacity: 22.4V 20Ah 448Wh; Product Size: 297.4x221x125mm; Net Weight: 6.6±0.1kg  
 DC Input: 12V-55V 200W Max. AC Charging: 200V-240V~1.5A 50-60Hz 130W Max.  
 AC Output: 230V~26A 50Hz 600W Max.  
 DC Output: Output 1(USB-C): 5V=3.0A, 9V=3.0A, 12V=3.0A, 15V=3.0A, 20V=3.25A, 65W Max.  
 Output 2(USB-C): 5V=3.0A, 9V=3.0A, 12V=3.0A, 15V=3.0A, 20V=3.25A, 65W Max.  
 Output 3(USB-A): 5V=3.0A, 9V=2.0A, 12V=1.5A; Output 4(USB-A): 5V=2.4A; Output 5(USB-A): 5V=2.4A;  
 Output 6(DC5521): 12V=3.0A; Output 7(DC5521): 12V=3.0A; Output 8(Car Charger): 12V=3.0A;  
 Output 6(DC5521)+Output 7(DC5521)+Output 8(Car Charger): 12V=3.0A, 36W Max.  
 LED Output: 2W\*2; Total Power Output: 808W Max.  
 Charge Temperature: 0-45°; Discharge Temperature: -10-45°C

\*oraimo Lab test result

### HOW TO RECHARGE THE PORTABLE POWER STATION

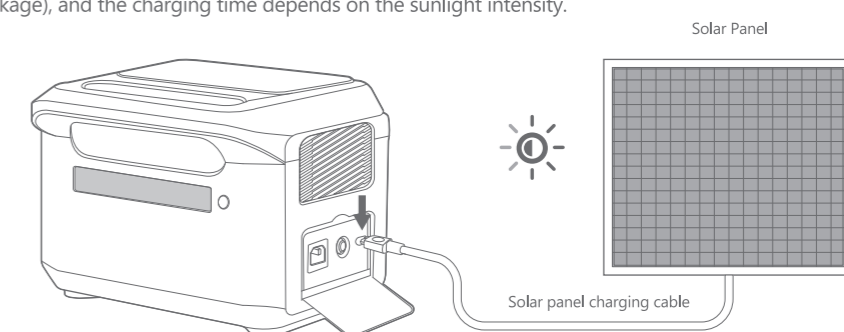
#### 1. AC Charging

Please use the provided AC power input cable to recharge the device. It takes approximately 4-5 hours to be fully recharged.



#### 2. Solar Charging

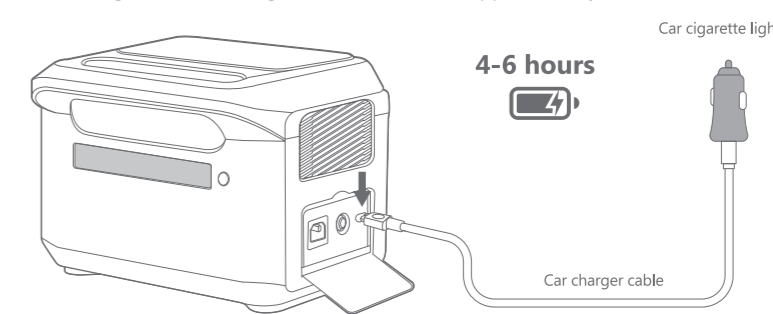
The operating voltage range of the solar panel is from DC 12 to 55V. Please do not use solar panels with a voltage higher than 55V to charge this device. Whenever possible, place the solar panel directly under sunlight. It supports up to three 100 to 200W solar panels used in series (solar panel is not included in the package), and the charging time depends on the sunlight intensity.



(Note: Solar panel charging cable is included in the package, but solar panel is not included in the package.)

#### 3. Car Charging

Use the car charger cable to charge the device. It takes approximately 4-6 hours to be fully recharged.



Note: Car charger cable is included in the package.

### HOW TO USE THE PORTABLE POWER STATION

1. Power Activation: Long-press the power switch for 3 seconds to activate the device. Then, press the corresponding button to activate other output ports. The digital screen display will turn on and provide detailed information about charging and power supply, indicating the output is activated.
2. Direct Charging: The advanced battery management system of the portable power station allows it to charge connected devices through DC Output, AC Output, and USB Output while it is being recharged.  
 (Note: The power of the devices connected through AC outlets should not exceed the rated power of the portable power station.)
3. Overload Protection: If any output port experiences an overload, it will automatically shut down independently, while the other ports will continue to work. After an overload occurs, please remove the overloaded device and restore the output by pressing the corresponding button. If the issue persists, please restart the device.
4. Battery Cycle Life: Battery cycle life in a 25°C environment: 3500 cycles with a capacity retention rate of ≥80% of the initial capacity.

### CHARGING TIMES/USAGE TIME OF DIFFERENT DEVICES

Device	Power (W)	Usage Time
Laptop (41.1Wh)	~30W	~10 Times
32-inch TV (30W)	~30W	~6 Hours
Humidifier (15W)	~15W	~26 Hours
Action Camera (5.9Wh)	~5.9W	~70 Hours
Lighting Lamp (4W)	~4W	~100 Hours
Mini Refrigerator (40W)	~40W	~12 Hours
Drone (89.2Wh)	~89.2W	~10 Times
Smart Phone (10Wh)	~10W	~42 Times
Game Console (16Wh)	~16W	~26 Hours

The above data is obtained from testing at a temperature of 25°C and is for reference only. Actual usage times may vary. As battery performance degrades, the number of uses will decrease.

### IMPORTANT SAFETY INSTRUCTIONS

#### PRODUCT USAGE

1. Use only the provided power cable.
2. Do not place the device near fire, in a fire, or expose it to heat. Avoid direct sunlight.
3. Do not charge, use, or store the device in the bathroom, rain, or damp areas.
4. Charge, use, and store the device in a dry and clean environment.
5. Do not drop the device into water. If the battery inside the device comes into contact with water, it may lead to chemical decomposition of the battery, causing it to catch fire or explode.
6. Do not use or charge the device if the battery swells, leaks, or is damaged.
7. Do not install or remove the device while it is turned on.
8. Do not use the device in environments with strong static electricity or electromagnetic fields, as it may cause the battery control board to malfunction and result in serious accidents.
9. Do not dismantle or puncture the device in any way, as it may cause leakage, fire, or explosion.
10. If the device is subjected to impact or severe shock, do not use it.
11. If the device falls into water during use, immediately remove it and place it in a safe and open area. Keep a safe distance from the device until it is completely dry. Do not use it again and follow the instructions in the battery disposal section below for proper handling. In case of a fire, use suitable fire extinguishing equipment designed for lithium batteries, such as carbon dioxide or ABC dry powder extinguishers.
12. Do not insert needles, wires, or other metal objects into the device's housing, sockets, or controls, as they may cause a short circuit.
13. Avoid collisions. Do not place heavy objects on the device. If the plug or socket surface is dirty, use a dry cloth to clean it. Otherwise, it may cause wear, energy loss, or an inability to charge.
14. Do not put the device in a microwave or a pressurized container.
15. Transportation: The device complies with all legal requirements for transporting dangerous goods. The lithium battery pack has a capacity exceeding 100Wh. According to international standards, if the device is transported by plane, it must be packaged and transported according to IATA standards. It must comply with IATA instructions and label requirements, as well as relevant declarations.
16. Do not charge this device with a power system more than 220-240V AC.
17. Do not charge this device with a solar panel whose working voltage exceeds DC 55V.
18. Please use the provided charging cable. We are not responsible for any damage caused by the use of other brand charging cables.
19. When charging, please place the device flat on the ground and keep flammable and combustible materials away. To prevent accidents, do not leave the device unattended during charging.
20. Do not charge the device immediately after a long period of heavy load, as the temperature of the product may be too high. Do not charge it until the device has cooled down to room temperature.
21. Please charge the device in an environment with a temperature range of 0°C to 45°C, with the optimal charging temperature range being 22°C to 28°C.

#### WHAT'S UPS?

Our portable power station supports the UPS function. UPS, which means Uninterruptible Power Supplies, plays a crucial role in safeguarding critical electronics and data from power-related disruptions. They ensure continuous functioning during brief power outages and facilitate controlled shutdowns during extended outages. The UPS function of a portable power station supply consists of several key features:

1. Power Backup: The device stores energy and supplies it during power outages, ensuring the uninterrupted operation of connected devices.
2. Voltage Regulation: It automatically adjusts the voltage to safe levels to prevent damage to the electronic devices due to voltage fluctuations.
3. Battery Monitoring: The UPS system monitors the battery's health and performance, alerting the user of any potential issues.
4. Load Management: It manages the distribution of power to the connected devices based on their priority and power demand.

### PRODUCT STORAGE AND TRANSPORTATION:

1. Keep the device out of reach of children. In case any child accidentally swallows parts, seek immediate medical attention.
2. If a low battery warning occurs, charge the battery before storing it with a charge level above 10%.
3. Store the device in a dry environment. Do not place it where it may come into contact with water.
4. Ensure that no small metal objects fall onto or around the device during storage.
5. During transportation, the battery level should not exceed 30%. Prolonged periods of inactivity may shorten the battery life. It is recommended to fully charge and discharge the device at least once every 3 months to maintain the health of the battery pack.
6. Do not store the device in an environment below -20°C or above 45°C.

#### CLEANING:

1. Make sure the device is disconnected from all power inputs and output devices. Use a clean, dry, lint-free cloth for cleaning.
2. Clear any debris, dirt, or obstructions from the ventilation ports on both sides. When clearing debris, be careful not to let any debris, dirt, or obstructions enter the body of the device.
3. Do not use abrasive cleaning agents or solvents.
4. Do not use compressed air to clean the side cooling vents, as it may force foreign objects into the internal circuits. To avoid the risk of electric shock, do not use metal objects to clean the ports.

#### TROUBLE SHOOTING

##### Problem 1

The connected device is not being charging / Unable to operate connected devices.

##### Solution

Ensure that the DC/USB/AC output ports are activated. Confirm that the connected device is compatible with the portable power station by checking the output specifications provided in the general specifications section. Verify that the portable power station is fully charged by checking the battery level indicator. Check for any overload conditions by confirming the wattage data displayed on the LCD screen indicators.

##### Problem 2

Portable power station can not be recharged by AC input.

##### Solution:

Ensure that the AC power input cable is fully inserted into the AC input, and the AC IN icon on the digital screen display is illuminated.

##### Problem 3

When should I recharge the portable power station when I don't use it?

##### Solution:

We recommend that you keep the battery power above 20% when using or storing the portable power station. A fully charged battery can last for several months, please recharge it every 3 months to keep the battery power above 50% when not in use.