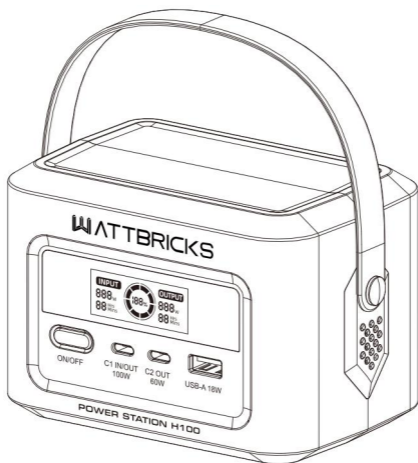


# WATTBRICKS

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## H100

### USER MANUAL

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**Thank you for purchasing H100 Series Portable Power Station.**

To ensure your personal safety, Property safety and good user experience, Please read this User Manual carefully before operation and keep it for future reference.

#### **⚠ Charging instructions**

Before using your new Portable Power Station H100 Series, plug it into a suitable power outlet until it is fully charged. Then you can start your exciting journey with it.

### ⚠ WARNING

Please read the following instructions for safety before use. Improper use may result in fire, property damage or personal injury or death. DO NOT use the product with incompatible components or alter the product in any way.

#### ⚠ WARNING

Improper use may result in fire, property damage, or personal injury. Make sure to use the product according to the following safety rules and guidelines.

#### ⚠ WARNING

Do not expose the product to any liquid or submerge in water. If the battery comes into contact with water, it may cause chemical decomposition of the battery. This may cause the battery to catch fire or explode.

## ■ SAFETY INSTRUCTIONS

Read the following instructions to ensure safe usage:

#### ⚠ DANGER

**Noncompliance may very likely lead to serious injury\* or death.**

- DO NOT disassemble, repair or modify the unit or the battery.
- DO NOT place the unit close to or in a fire or expose it to heat. Keep out of direct sunlight.
- DO NOT charge, use or store the unit in a bathroom or in an area exposed to rain or moisture. Only use the output socket to power external devices.
- Never connect the output to mains power under any circumstances.
- DO NOT touch the unit or the plug in points if your hands are wet.
- DO NOT connect any metallic objects to the AC input or output.
- DO NOT rub your eyes if fluid from inside the unit should get in your eyes.
- DO NOT dispose the unit together with household waste.
- DO NOT use any inappropriate power cords.
- DO NOT operate the unit above the specified input voltage.
- DO NOT use the unit if it is not functioning correct.
- DO NOT move the unit if it is recharging or in use.

#### ⚠ WARNING

**Noncompliance may lead to serious injury\*\* or death.**

- Use and store the unit only in a clean and dry environment. Do not use and store in dusty and wet environment.
- Check the unit prior to every use. Do not use the unit if it is damaged, broken.
- DO not use the unit if the power cord is damaged or broken. Keep the unit away from children.
- DO NOT let children use the power supply unit. Keep this product away from pets.
- DO NOT use or store the unit in an area or environment with high temperature.
- Should fluid from inside of the unit come in contact with your skin or clothing, wash the affected areas with tap water. In a storm, unplug the power cord from the socket.
- DO NOT charge the device through a power system other than the rated voltage.
- DO NOT place the unit on its side or upside down while in use or storage.
- DO NOT use accessories for other usage.

#### ⚠ CAUTION

**Noncompliance may lead to injuries and/or property damage\*\***

- If rust peculiar odors, overheating or other abnormal circumstances are observed, stop using the unit immediately and contact the dealer or our customer service center.
- The unit complies with all legal requirements for transport of dangerous goods.
- Make sure that the unit is properly secured when transporting it in a motor vehicle.
- Only charge, use and store the unit within an ambient temperature of 0 to 40°C (32 ~104°F).
- Switch the unit off immediately if it has accidentally fallen, was dropped or was exposed to vibrations.
- Once the unit is fully charged, unplug the charging cable. We is not liable for any damage caused by using different brand charging cables.
- Use of different cables will void the products warranty and may cause damage or serious bodily injury.

**Carefully read the instructions for the electric devices that you intend to connect to your power.**

#### Product Maintenance:

1. Battery life may be reduced or become nonfunctional if not properly maintained.
2. Fully charge and discharge at least every 3 months to ensure battery life.
3. Do not store battery with less than 50% charge.

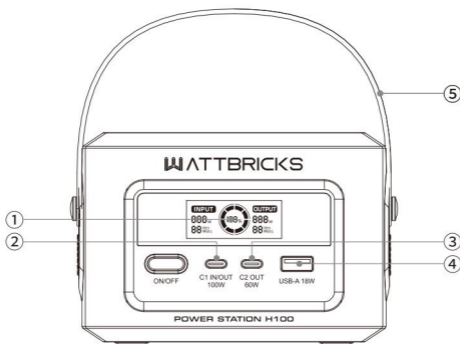
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## ■ PRODUCT INTRODUCTION

H100 Portable Power Station adopts lithium iron phosphate battery, which is safe and reliable. The battery capacity is up to 99.2Wh, which can meet your electricity needs for a long time. With an output power of 100W, it can power a variety of devices, such as mobile phones, computers, cameras, etc. Whether camping outdoors, emergency backup, or daily travel, it is your right hand. Small and lightweight, easy to carry, so you can enjoy convenient electricity anytime, anywhere.

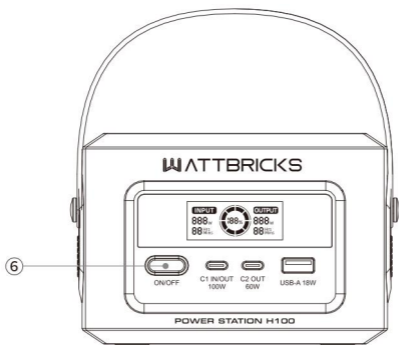
## ■ PRODUCT FUNCTION DESCRIPTION



- ① LCD Screen Display
- ② USB-C1 Output / Input
- ③ USB-C2 Output
- ④ USB-A Output
- ⑤ Silicone handle

**△Note:** If the battery with low power, please charges it before use.

## ■ BUTTON INDICATOR



### **Button ⑥ Power ON/OFF**

Short press the ⑥ button, LED display and USB output work.

Long press the ⑥ button to turn off the LED display and USB output.

**⚠ Note: Off state, USB automatically detects load, LED display works and displays output power.**

## ■ LCD DISPLAY



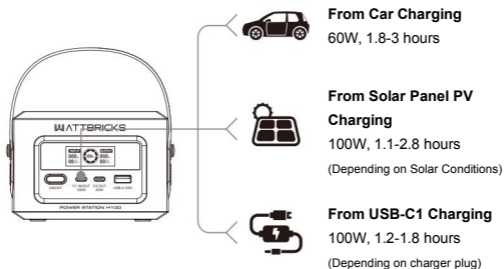
⑦	Battery level indicator	<p>When the power switch is turned on, the power icon shows the current product power, and each bar represents the 12.5% power range.</p> <ul style="list-style-type: none"> <li>•<b>Charging:</b> has been full of the interval, the power indicator is steady on, is charging interval, the indicator flashes.</li> <li>•<b>Discharge:</b> full power is always on, when the power is lower than the current range, the power indicator is off.</li> </ul>
⑧	Power input	When charging, the " INPUT " icon lights up and displays the charging power.
⑨	Input remaining time	The time it takes for the battery to fully charge during charging.
⑩	Power output	When charging, the "OUTPUT" icon lights up and displays the charging power.
⑪	Output remaining time	The time it takes for the battery to run out during discharge.

**△Note:** The LCD screen will go into sleep mode after 120 seconds of inactivity, enter the charging cable or press any button to wake up.

## ■ CHARGING FUNCTION DESCRIPTION

### Re-charging time

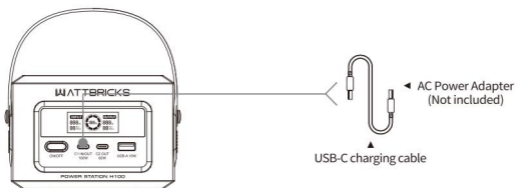
When charging the H100, the portable power station can be charged through the USB-C1 port or the DC7909 port.



**⚠ Note: Do not use the USB-C1 port and DC7909 port to charge the portable power station at the same time.**

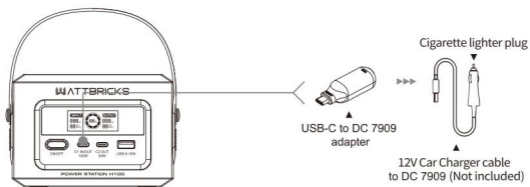
### Charge using USB-C port

Charge your device using the charging cable we provide. It takes 1.2-1.8 hours to run at full capacity. The power indicator starts to display from the bottom up, the full range, the power indicator is steady on, the charging range, the indicator flashes.



### 12V car charging (Via USB-C to DC 7909 adapter)

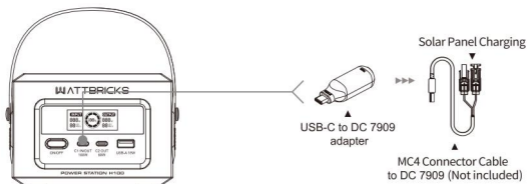
Charge with car charging cable (not included). It takes 1.8-3 hours to fully charge. The power indicator starts to display from the bottom up, the full range, the power indicator is steady on, the charging range, the indicator flashes.



**⚠Note: Do not charge the product with solar PV input and car port at the same time!**

### Solar PV charging (Via USB-C to DC 7909 adapter)

Support 100W solar panel charging at DC12-26V, the charging time is determined by the sunlight intensity. Please place as many solar panels in direct sunlight as possible.



**⚠Note: The total open circuit voltage of solar modules after series parallel connection should not exceed the specified voltage! please confirm the same voltage specification.**








## ■ TECHNICAL SPECIFICATIONS

General parameters	
Battery Type	Lithium Iron Phosphate
Rated Capacity	16V, 6.2Ah/99.2Wh
Net Weight	≈ 1kg
Product Size	129mm*87mm*89mm
Operating Temp	14 to 104°F (-10 to 40°C)
Charging Temp	32 to 104°F (0 to 40°C)
Storage Temp	-4 to 113°F (-20 to 45°C)

Input	
DC/PV Input	12V-26V= 8A, 100W Max (Via USB-C to DC 7909 adapter)
USB-C1 Input	5V/9V/12V/15V= 3A, 20V= 5A, 100W Max

Output	
USB-A Output×2	5V= 3A, 9V= 2A, 12V= 1.5A, 18W Max
USB-C1 Output×1	5V/9V/12V/15V= 3A, 20V= 5A, 100W Max
USB-C2 Output×1	5V/9V/12V/15V/20= 3A, 60W Max
Total USB Output	USB-C1 + USB-C2, Total 120W Max USB-C1 + USB-A, Total 120W Max USB-C2 + USB-A, Total 18W Max USB-C1 + USB-C2 + USB-A, Total 120W Max

## ■ LOAD CAPACITY

			
Laptops (41.4Wh) Around 2 hours	GoPro (5.9Wh) Around 14.3. Recharges	Floodlight (3W) Around 28.1hours	Mini Fridge (40W) Around 2.1 hours
			<b>+MORE</b>
DJ Drone (89.2Wh) Around 1 Recharges	Smart phone (10Wh) Around 8.4 Recharges	Switch (16Wh) Around 3.5 Recharges	

**△Note:** To charge your laptop, connect it to the **USB-C1** port.

**△Note:** Data reference conversion efficiency is 85%, due to the environment and use method will fluctuate, the data is for reference only.

## ■ PACKING LIST



Principal  
machine



User Manual



USB-C  
charging cable



USB-C to DC  
7909 adapter

**△Note:** USB-C to DC 7909 adapter only the user external power supply charging use, do not use for mobile phones and other devices charging!

## ■ OPERATING INSTRUCTIONS

### **Power output attention**

When activated, the output is active, and the LCD display will open and provide details about the charging output. When no output is activated, the LCD screen will turn off automatically.

### **Charge and discharge simultaneously**

An advanced battery management system allows it to charge connected devices via both DC output and USB output while charging the H100.

### **Overload protection and short circuit protection**

If the output port is overloaded or shorted, the H100 will automatically shut down the output. But the LCD screen is still on. Please insert the charging cable that meets the specifications. The output port automatically recovers.

## ■ TROUBLE REMOVAL

### **The device does not discharge**

- ① Check whether the connecting wire has been inserted in right place.
- ② Check whether the total output power exceeds the rated output power.
- ③ Check whether the temperature of the equipment is too high.

### **The device is not charging**

Confirm that the AC socket on the wall and the charging cable are fully inserted into the input terminal.

**△Note: The device cannot be charged immediately after discharge. Leave for 30 minutes to cool before charging to avoid entering the high temperature protection state.**

## ■ PRODUCT MAINTENANCE

### Maintenance

Check as needed. If the H100 Series power station cannot working regularly, please charge and discharge it every 3 months under normal temperature to keep the service life. Regularly check all ports and wall chargers for any debris, dirt, damage, and corrosion.

Do not disassemble the device privately.

Do not cover the equipment with towels, clothes or other items. Regularly observe the side vents for dust and foreign matter, and clean them according to the cleaning procedures specified in the manual.

### Equipment cleaning

Please make sure that the device is disconnected from all input power and output devices. Wipe with a clean, dry, non-soft cotton cloth. Remove all any foreign objects, dirt or other obstructions on the vents on both sides. While cleaning foreign objects in the side vents, do not allow debris, dirt or other blockage to enters the equipment.

Do not use corrosive cleaners or solvents.

Do not use compressed air to clean the side cooling vents, as it will cause foreign particles to enter the interior and cause a short circuit.

**⚠ Note: To avoid the risk of electric shock, do not use metal objects to clean the ports.**

### Storage

If it will be stored for more than 1 month, please charge it to 50% capacity and keep it indoors, at normal temperature, and the maximum storage time shall not exceed 6 months. Please keep it away from direct sunlight.

Excessive temperature will lead to reduced service life, overheating and fire. Extremely cold conditions below the specified storage range can also impair the performance and service life of the equipment. Please keep away from corrosive chemicals and gases.







After taking it out of storage, perform a visual inspection to ensure that the appearance of the equipment and all accessories are qualified. Check the vents on the intake and exhaust sides to make sure they are free of foreign objects.

**Disposal/recycling**

Do not put the device and its accessories in the trash can. Items must be properly handled in accordance with local laws and regulations. For additional information, please see [www.epa.gov](http://www.epa.gov).

**Affirm**

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	To preserve the battery lifespans, please use and recharge at least once every 3 months		Please dispose of batteries and electronic goods in accordance with local regulations
	Use an original or certified charger or cable		It's not waterproof, do not expose to liquids
	Avoid extreme temperature		Do not disassemble

## ■ WARRANTY

We assure the original purchaser that our products are free of defects in workmanship and materials during the applicable warranty period determined in the "Warranty Period" section below, but the exclusions set below is excluded.

This warranty statement sets total and exclusive obligations of us. We will not assume, nor authorize any person to assume for us any other liability related to the sale of our products.

### **Warranty time**

The warranty is 12 months, and the warranty period is calculated by the original consumer purchaser from the date of purchase. In order to determine the start date of the warranty period, a sales receipt from the first consumer purchase or other reasonable documentary proof is required.

### **Repair processing**

We will repair or replace any products that cannot be operated due to defects in workmanship or materials within the applicable warranty period. If a valid claim is filed within the applicable period, we can choose: (1) Replacement product. (2) It can be exchanged with products of equal value. The replacement product bears the remaining warranty period of the original product or replaces it (90) days from the date of warranty, whichever is greater. The customer is responsible for the shipping cost of the return.

### **Exclusions**

The warranty of H100 Series does not apply to 1) any product that is modified, misused, abused, damaged by accident, or used for anything other than normal consumer use as authorized in current product literature or 2) any product purchased through an online auction house. The warranty of H100 Series does not apply to the battery cell unless the battery cell is fully charged by you within seven days after your purchase the product and at least every 6 months thereafter.

### **After-sales service**

For after-sales maintenance service, please contact our customer service team: [support@wattbricksenergy.com](mailto:support@wattbricksenergy.com)



(800) 370-0323

Due to constant technology update, product specifications and configuration changes, please refer to the actual product.

# WATTBRICKS

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3.06.03.0442