



**MASSIMO**  
ELECTRIC

# MPS-1200W Power Station

## Owner's Manual



## WARNING:

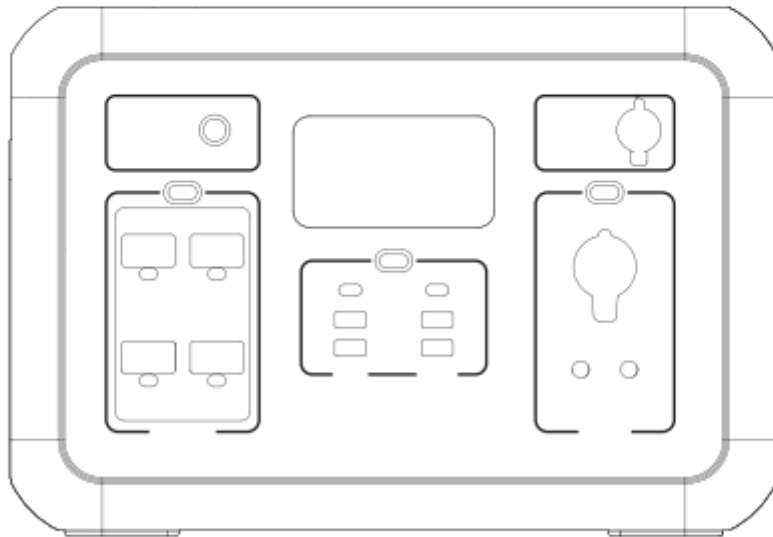
Before using our power station, please read the following instructions carefully:

1. This power station has a built-in lithium battery that is highly sensitive to high temperature. Keep it away from heat sources, direct flame, heaters and heat sources.
2. Keep away from moisture or water.
3. Do not disassemble, microwave, puncture, incinerate or insert foreign objects into the power station.
4. Do not crush, blend, shred, drop or place heavy objects on top of the device.
5. Do not use the product if damaged or punctured.



# USER MANUAL

1200W Portable Power Station  
Emergency Power Source



Model : MPS-1200

## **Introduction**

Thank you for purchasing MASSIMO's 1200W Portable Power Station. This portable power station can connect to AC wall outlets, solar panels, and DC power sources and is designed to keep your electronic devices powered during an emergency & while on the go.

It comes equipped with AC outlets, 12V DC output ports, a 12V car port, a Type-C port and fast charging USB ports for your convenience. Perfect for outdoor adventures, it is compatible with most electronic devices such as drones, laptops, lights, smart phones, tablets and cameras.

You can also charge your devices with this unit in case of a power failure.

## **Package Contents**

- (1) 24V/10.41 AC Power Adapter
- (1) AC Power Cord
- (1) DC Cable
- (1) MC4 Cable
- (1) User Manual

## **Warnings**

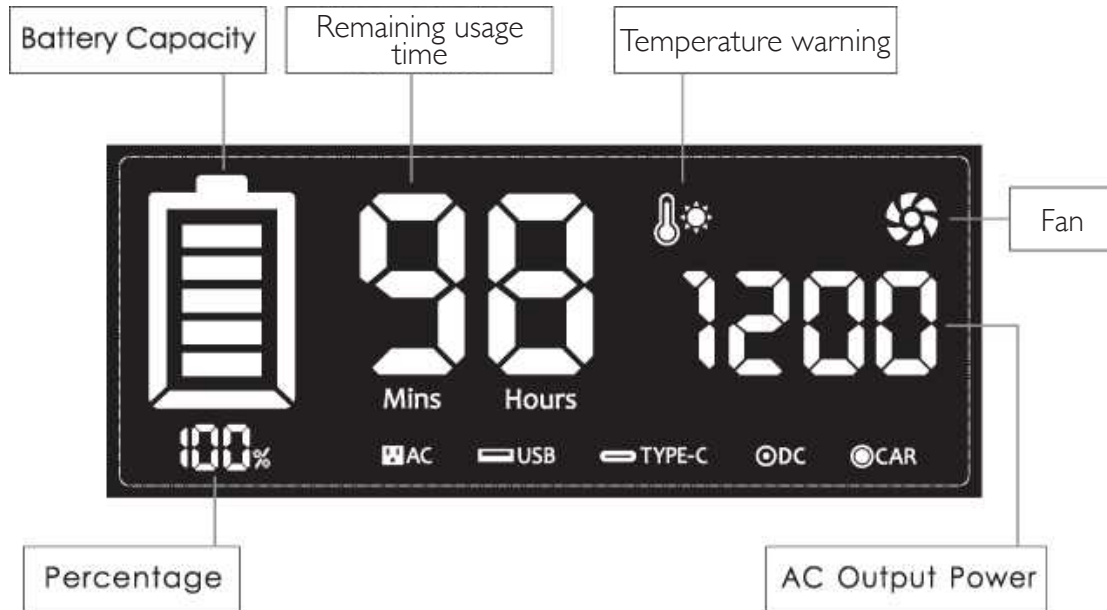
Before using the power station, please carefully read the following instructions:

1. The power station has a built-in lithium battery that is highly sensitive to high temperatures. It should be kept away from high heat sources.
2. Keep away from moisture or water.
3. Do not disassemble, microwave, puncture, incinerate or insert foreign objects into the power station.
4. Do not crush, drop or place heavy objects on top of the device.
5. Do not use the product if damaged or punctured.
6. If not in regular use, charge the power station every other month to remain fully prepared for an emergency.

## Product Dimensions

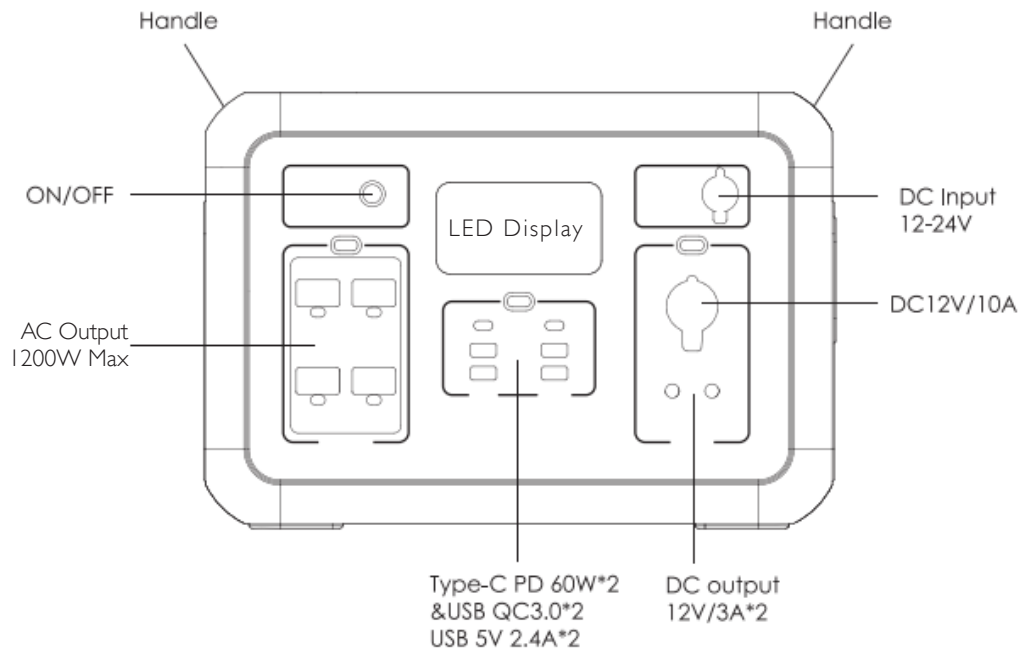
Battery Capacity	Lithium-ion-1132Wh(51Ah/22.2V)
AC Input charging	AC 100-240V to 24V/10.41 A
Car Input charging	DC12V~24V/8A Max
Solar Input charging	DC12V~24V/8A Max
DC 12V output	1*DC Output 12.8V/10A Max Output Regulated 2*DC output 12.8V/3A Total 10A Max
AC Output waveform	Pure Sine Wave
AC Continuous Output	1200W Max
AC Voltage	110V AC±10%
Output Frequency	60Hz±5%
USB Outputs	USB-C: PD3.0 60W *2 (5V/3A,9V/3A, 12V/3A, 15V/3A, 20V/3A) Auto USB-A: QC3.0*2 18W Max (5V/3A, 9V/2A, 12V/1.5A) Auto USB-A: 5V2.4A *2 Auto
LED Lights	2W Max, 3 Levels with SOS function
Safety Protections	Short-Circuit Over-Current Over-Voltage Low-Voltage Over-Load Over-Temperature
Operation Temperature	32-104°F
Battery Charge Cycles	≥1500 times DOD>80%
Pass-Through Charging	Supported
Weight	24 Lbs

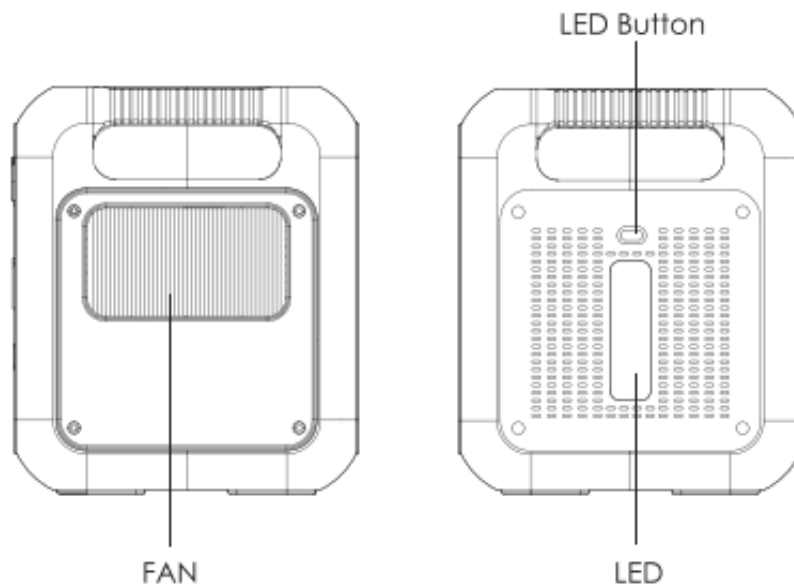
## Product Diagram



## Please Note

Remaining usage time is dependent on output wattage and what item(s) are being charged.





	<b>8.5 Hrs+</b> (Projector)		<b>2 Hrs</b> (Coffee Maker)		<b>32+ recharge</b> (DRONE)
	<b>24 Hrs</b> (Laptop 13")		<b>13 Hrs</b> (32" LCD TV)		<b>45 Hrs</b> (21W Speaker)
	<b>19 Hrs</b> (50W fan)		<b>19 Hrs</b> (Portable Mini Fridge)		<b>23 Hrs</b> with AC charge, USE DC to get 38 hours+ (CPAP)

**NOTES:**

- It is recommended to use a DC port instead of an AC outlet to power your CPAP machine.
- The above charging times are calculated as a reference guide only. The actual usage time will depend on the power of the connected devices.

## Ways to Recharge

### 1. AC Wall Outlet

Use a standard AC wall outlet to recharge the power station. Estimated charging time of 6.5 to 7 hours.

### 2. DC Car Charger

You can access DC power from 12V/24V vehicles and charge the unit by plugging it into the car port. The vehicle will need to be running to charge the power station. Estimated charging time of 9.5 to 10 hours.

### 3. Solar Charging

Charge the power station using a solar panel (See Diagram). The charging time will depend on the solar panel's wattage and the sun's intensity.



## Solar Panel Charging



We recommend a 200W solar panel with a Voltage at Maximum Power of 13V-24V DC. Never use higher than 24V DC to recharge this power station.





## Use Instructions

Press the power button or any of the port buttons to turn on the power station. To turn off the power station, press the power button.

The individual port buttons turn on or off the power to their respective ports. To conserve power, turn off ports when not in use. Read the LCD screen to know which port is turned on. Plug in your devices.

The power station supports full pass-through charging, so you can charge the power station and run your devices at the same time.

## Usage Scenarios

### 1. Emergency

The power station can be used as an emergency power supply during power failures.

It is especially suitable for locations that are prone to severe weather patterns and natural disasters including floods, hurricanes, earthquakes, forest fires, and snowstorms.

### 2. Outdoor Activities

Camping, outdoor celebrations, fishing, climbing, outdoor photography, RC helicopter and drone charging, farming and bird watching

### 3. Indoor Activities

Home and office electrical device charging, energy-saving lamps, television, mini refrigerators, holiday decoration lights, printers, laptops, fans and smart mobile phones

## FAQS and Solutions

**1. Which electronic appliances can be used with the power station?**

All electronic devices up to 1200 W.

**2. Which solar panel can be used with the power station?**

A 120W-200W solar panel with a Voltage at Maximum Power (Vmp) of 13V~24V DC is recommended. Do not use higher than 24V DC to recharge the power station.

**3. Does the power station have an auto sleep feature?**

The power station has an energy-saving sleep mode that automatically activates if the unit detects that there are no devices connected. The unit will shut down and stop outputting power if no device has been connected within 5 hours of the power being switched on.

**4. What size mini-cooler or mini-fridge could this unit power?**

The power station's AC continuous output is 1200W and the battery capacity is 1132Wh. It can power any device that requires less than 1200W. However, the usage time depends on the power needs of the fridge and the fridge compressor.

**5. Is the power station water/weather resistant?**

NO. Do not expose the unit to water.

**6. Are the batteries replaceable or upgradeable?**

NO. The batteries are built-in and the opening of the unit will void your warranty.

**7. Is there a way to disable a port group?**

YES. Clicking a port's group button will disable/enable it. When enabled, an icon appears on the LED screen.

**8. How long will a single charge last without using the power station?**

3-5 months. However, we suggest you charge the power station every two months if not in regular use to remain fully prepared for an emergency.

**9. Does the power station support pass-through charging?**

YES. The power station can simultaneously charge other devices while recharging the power station.

**10. Can the power station jump start your car battery?**

NO.

## Warranty & Customer Service Support

We offer a 1-year warranty against manufacturing defects.

If you have any questions or issues, please Email our customer service team for help at [customerservice@massimomotor.com](mailto:customerservice@massimomotor.com)

Massimo MotorSports LLC

Address: 3101 W Miller Road, Garland, TX 75041, USA

Phone: 877-881-6376

### CAUTION

1. Do not overcharge the internal battery. See instruction manual.
2. Do not smoke, strike a match, or cause a spark in the vicinity of the power station.
3. Only charge the power station in a well-ventilated area.
4. Risk of electric shock. Connect only to properly grounded outlets.
5. Risk of injury to persons. Do not use this product if the power cord or the battery cables are damaged in any way.
6. Keep away from moisture or water. Do not use outdoors on rainy days.

