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# Hepway P1300 Portable Power Station

## USER MANUAL

### 1. Product Overview

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The Hepway P1300 is a versatile portable power station designed to provide reliable power for various applications, from outdoor activities like camping and RV trips to emergency backup during power outages. With a robust 1154Wh capacity and a 1300W pure sine wave AC output (1500W peak), it can power a wide range of devices. Its compact design and multiple charging options make it an essential companion for off-grid living and mobile power needs.



Figure 1: Front view of the Hepway P1300 Portable Power Station, showcasing its display, AC outlets, and DC ports.

## Key Features:

- 1154Wh Capacity:** Provides extended power for various devices.
- 1300W Pure Sine Wave AC Output:** Delivers stable and clean power, suitable for sensitive electronics.
- Multiple Output Ports:** Includes 4 AC outlets, USB-A, USB-C PD 60W, and a car outlet.
- Three Charging Methods:** Recharge via AC wall outlet, car charger, or solar panels.
- Refrigerator Mode:** Ensures continuous power delivery for low-wattage devices without auto-shutdown.
- Advanced Safety Features:** EV-grade battery design with BMS protection for enhanced safety and efficiency.
- Integrated LED Light:** Offers multiple lighting modes for emergency and outdoor use.

## 2. What's Included

Upon unpacking your Hepway P1300 Portable Power Station, please verify that all components are present and in good condition:

- 1 x Hepway P1300 Portable Power Station

- 1 x AC Adapter (for wall charging)
- 1 x MC4 to XT60 Cable (for solar panel connection)
- 1 x Car Charger to XT60 Cable (for car charging)
- 1 x User Manual (this document)

## 3. Setup and Initial Use

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### 3.1 Initial Charging

Before first use, it is recommended to charge the P1300 to at least 90% capacity. This helps to calibrate the battery management system and ensure optimal performance. If you notice rapid power consumption during the first few uses, this is normal for new lithium batteries. The battery capacity will stabilize after 2-3 full charge and discharge cycles.

# RECHARGE ANYWHERE

## Multiple Charging Methods



Figure 2: The Hepway P1300 supports multiple charging methods: AC wall outlet, car charger, and solar panels.

### 3.2 Connecting Solar Panels

The P1300 is compatible with 99% of solar panels on the market, supporting an input range of 18V-43V and up to 300W MAX. Use the provided MC4 to XT60 cable to connect your solar panel to the XT60 input port on the power station.

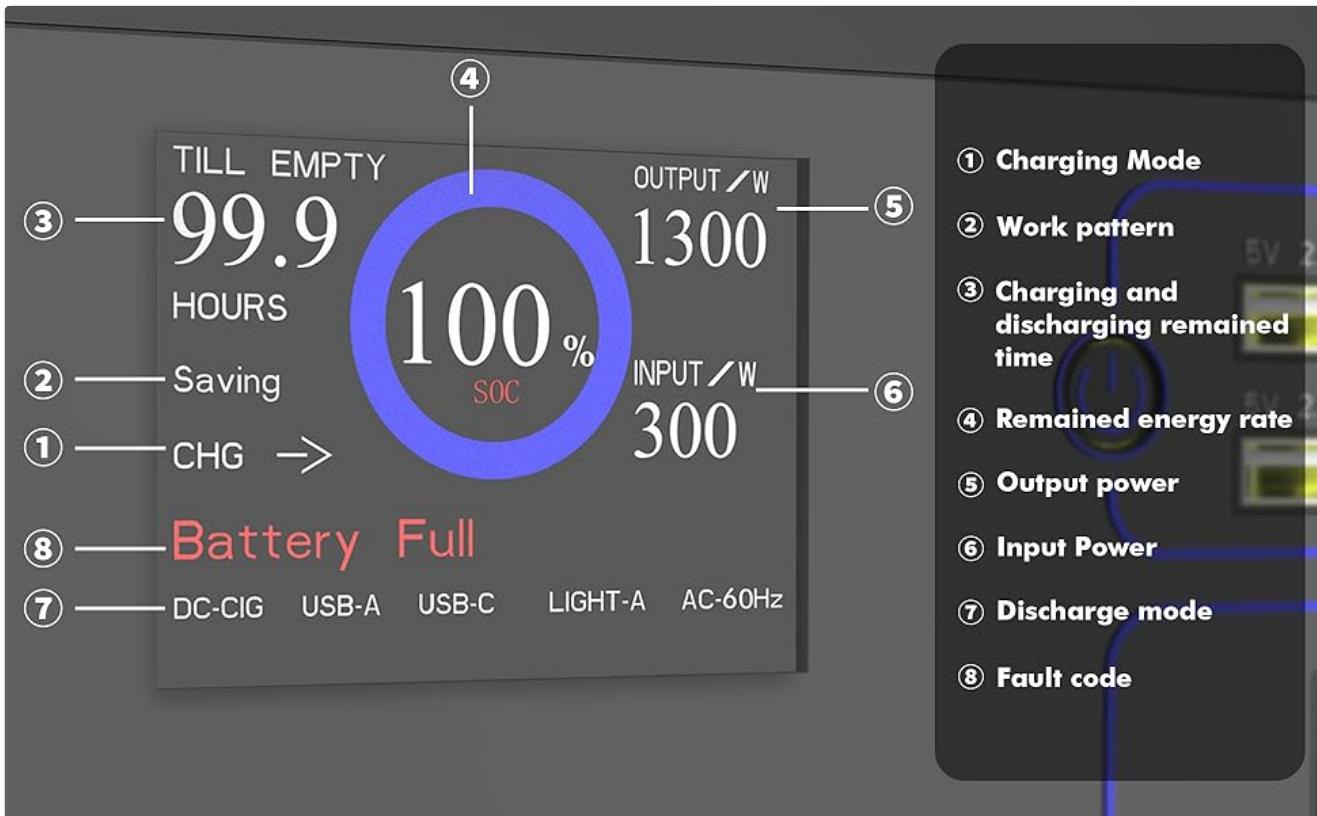


Figure 3: The P1300 can be charged using compatible solar panels, allowing for green energy utilization.

## 4. Operating Instructions

### 4.1 Powering On/Off

To power on the unit, press and hold the main power button. The LCD display will illuminate. To power off, press and hold the main power button again until the display turns off.

### 4.2 Using Output Ports

The P1300 features 9 output ports to accommodate various devices:

- **4 x AC Outlets (110V 1300W, 1500W peak):** Press the AC power button to activate. Suitable for appliances up to 1300W, such as blenders, coffee makers, and hair dryers.
- **2 x USB-A Ports (5V 2.4A):** Automatically active when the unit is on. Ideal for charging smartphones and other small electronics.
- **1 x USB-A QC 3.0 Port (QC3.0, 5/9/12V, 18W):** Automatically active when the unit is on. For faster charging of compatible devices.
- **1 x USB-C PD 60W Port (5/9/12/15/20V, 60W):** Automatically active when the unit is on. Supports fast charging for laptops, tablets, and other USB-C devices.
- **1 x Car Port (DC12V, Max 10A):** Press the DC power button to activate. For powering 12V car appliances.

# 1300W Pure Sine Wave

## AC Output 120V



clean power to protect your devices



Figure 4: The P1300 can power up to 9 devices simultaneously, including drones, cameras, and other electronics.

# 9 Sockets

## Power 9 Device At Once



Figure 5: The 1300W pure sine wave AC output provides clean and stable power for household appliances like blenders.

### 4.3 Refrigerator Mode

The P1300 features a 'Refrigerator Mode' (displayed as "Normal" on the screen) designed for continuous, uninterrupted power delivery to low-wattage devices that might otherwise trigger an auto-shutdown on traditional power stations. This mode is particularly useful for medical devices like CPAP machines or small refrigerators.

# Save worry, Sleep tight!

Refrigerator mode will keep your device running at even low power!



## Saving and Refrigerator mode with one click

Figure 6: Refrigerator Mode ensures continuous power for critical low-wattage devices, such as CPAP machines, preventing automatic shutdowns.

### 4.4 LCD Display Information

The LCD display provides real-time information about the power station's status:

## 4 powerful cooling fans

3 are located at the heat dissipation outlet, 1 is built into the inverter



Figure 7: Detailed view of the LCD display, showing charging mode, work pattern, remaining time, energy rate, output/input power, discharge mode, and fault codes.

- **Charging Mode:** Indicates if the unit is charging.
- **Work Pattern:** Shows the current operational mode.
- **Charging and Discharging Remained Time:** Estimated time till empty or full.
- **Remained Energy Rate (SOC):** Percentage of battery charge remaining.
- **Output Power (W):** Real-time power consumption of connected devices.
- **Input Power (W):** Real-time power input during charging.
- **Discharge Mode:** Indicates which output ports are active (DC-CIG, USB-A, USB-C, LIGHT-A, AC-60Hz).
- **Fault Code:** Displays error codes if any issues occur.

### 4.5 Integrated LED Light

The P1300 includes a built-in LED light with multiple modes for outdoor emergencies or general illumination. The light can operate for 289 to 577 hours depending on the mode.

- **SOS Mode:** For emergency signaling.
- **Breath Mode:** Pulsating light.
- **Flash Mode:** Strobe light.
- **Slight Mode:** Low brightness.
- **Bright Mode:** High brightness.

# LONG-LASTING POWER SUPPLY

1154Wh | 1300W



Figure 8: The integrated LED light provides illumination for outdoor activities and emergencies, with various lighting modes.

## 5. Maintenance and Care

### 5.1 Battery Maintenance

To ensure optimal performance and extend the lifespan of the lithium battery:

- Recharge the product promptly when the battery level falls below 20%.
- For long-term storage, maintain the battery level at over 50%.
- Optimal usage range for longest battery life is between 20% and 90% charge. Avoid consistently discharging

below 20% or charging above 90% as this can generate more heat and shorten battery life.

## 5.2 Environmental Considerations

The power station is designed for normal weather conditions but is not waterproof. Avoid using it in rainy environments or where it may come into contact with water, as this can lead to short circuits or electric shock.

## 5.3 Cooling System

The P1300 is equipped with 4 powerful cooling fans to dissipate heat, ensuring stable operation. Three fans are located at the heat dissipation outlet, and one is built into the inverter. Ensure the vents are not obstructed during use.



Figure 9: The P1300 features four cooling fans for efficient heat dissipation, ensuring product longevity and safety.

## 6. Troubleshooting

### Q1: How do I know if the P1300 can power my device?

**A:** The P1300 can power any appliance rated at 1300W or less. Check the wattage requirement of your device before connecting.

### Q2: How do I know the working time of my device?

**A:** You can estimate the working time using the formula: Working time =  $1154\text{Wh} * 0.85 / \text{working power of the device}$ . For example, a 100W device would run for approximately 9.8 hours ( $1154 * 0.85 / 100 = 9.8$ ). Actual times may vary based on usage.

### Q3: What should I do if the power consumption seems fast during first use?

**A:** This is a characteristic of new lithium batteries. Perform 2-3 full charge and discharge cycles (charge to 90%, discharge to 20%) to normalize the battery capacity.

#### Q4: What panels are compatible with this solar generator?

**A:** Compatible solar panel range: 18V-43V, 300W MAX. It is compatible with 99% of solar panels on the market.

## 7. Specifications

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Attribute	Value
Brand	Hepway
Model Name	P1300
Capacity	1154Wh
AC Output (Rated)	1300W (Pure Sine Wave)
AC Output (Peak)	1500W
AC Voltage	120V
Frequency	60 Hz
USB-A Output	2 x 5V 2.4A
USB-A QC 3.0 Output	1 x QC3.0 (5/9/12V, 18W)
USB-C PD Output	1 x PD 60W (5/9/12/15/20V)
Car Port Output	DC12V, Max 10A
Solar Input	18V-43V, 300W MAX
Dimensions (L x W x H)	10.16" x 6.89" x 9.8"
Item Weight	21.8 Pounds
Material	ABS
Color	Black
UPC	761164396834

## 8. Warranty and Support

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### 8.1 Warranty Information

The Hepway P1300 Portable Power Station comes with a 6-month warranty from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims.

### 8.2 Further Assistance

For additional support, technical inquiries, or warranty claims, please refer to the official Hepway customer service channels. You can also download the PDF version of this user manual for offline access: [Download User Manual \(PDF\)](#).

