

# LustreWatt Portable Power Station

## PRODUCT CATALOG



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## MULTI-SCENARIO USE ADVANTAGE

Wild fishing, outdoor camping, self-driving travel, emergency backup and so on.







Essential companion for outdoor travel and indispensable reserve for family emergencies.





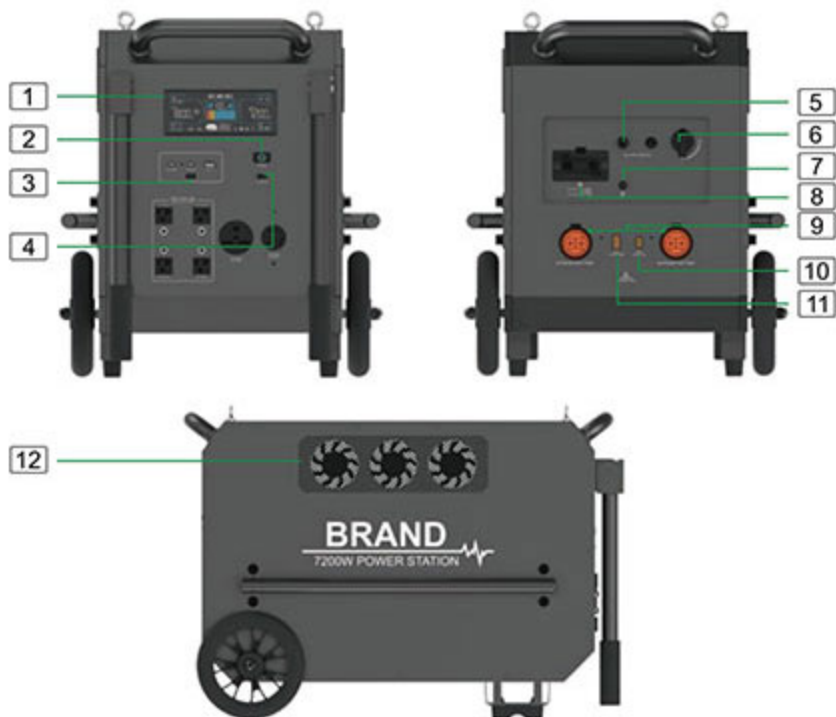
# Product Introduction

This is a **7200W** portable power station with capacity of **9792Wh**, which can be fully charged in **2.5 Hrs** with its fast charging function and LiFePO4 battery of high safety performance;

It can be used as a backup power supply device for emergency power outage, natural disaster, camping and vehicles, and can also be used for powering various electrical tools. **7200W** high power, pure sine wave AC output, can be used for household appliances such as dryers, microwave ovens, refrigerators, high-power induction cookers and it can also be used for other electronic devices such as personal computers.







1. LCD Screen
2. Power ON/OFF Button
3. USB ON/OFF Button
4. AC Button  
(manually switch to 50/60Hz)
5. High voltage PV input
6. Photovoltaic Switch
7. Earthing Bolt
8. AC Input
9. Parallel Port
10. XT60 Input
11. XT90 Input
12. Cooling Fans

Model	LW086	AC Input	USA/JPN: 100V/120V-1500W 200V/240V-5000W EUR: 230V-3000W
Capacity	9792Wh	AC Output	USA/EUR: 7200W JPN: 6000W
Solar Recharging	2500W Max(120V-450V) 1200W(12V-55V/30A)	Shutdown Current	<500uA
USB-A Output	18W	Working Temperature	-10~40°C
USB-C Output	100W/20W	Weight	≈130Kg
XT60 Input	300W	Dimensions	814*547*573mm
Cycle Times	>6000 times	Environment Humidity	≤90%RH





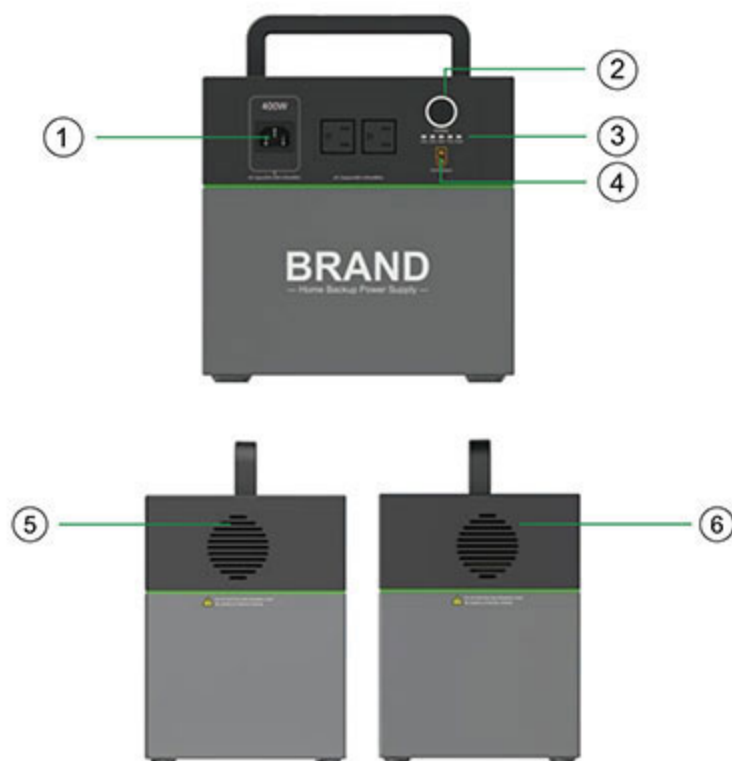
# Product Introduction

This product has the capacity of **1305Wh** and the output power of **400W**, with **4.0** hours high-speed charging;

It can be used as a backup power supply in case of emergency power cut, disaster, camping and vehicles, and can also provide power for various electronic devices;

Through the **400W** ultra-fast charging, this model can be fully charged within **4.0** hours. The AC input/output voltage frequency can be automatically or manually switched between **50Hz/60Hz**. It also support maximum **400W** solar charge, allowing you to charge even when the power out or in outdoor situations.





- ① AC Input Port
- ② Power ON/OFF Button
- ③ Battery Level
- ④ XT60 Input Port
- ⑤ Cooling Fan
- ⑥ Air Inlet

Model	LW094	Cell type	LF100LA LiFePO4
Capacity	1305Wh	Rated voltage of single battery	3.2V
AC Charging	400W Max	Rated capacity of single battery	102Ah
AC Output	400W Max	Rated voltage of battery pack	12.8V
Solar Recharging	400W	Output voltage range of the battery pack	10.5V~14.4V
DC(XT60) Input	15V~60V	Rated capacity of battery pack	1305Wh
Shutdown Current	<500uA	Dimension	250*182*245mm
Working Temperature	-10~40°C	Weight	≈11.5Kg
Cycle Times	>6000 times	Environment Humidity	≤95%RH





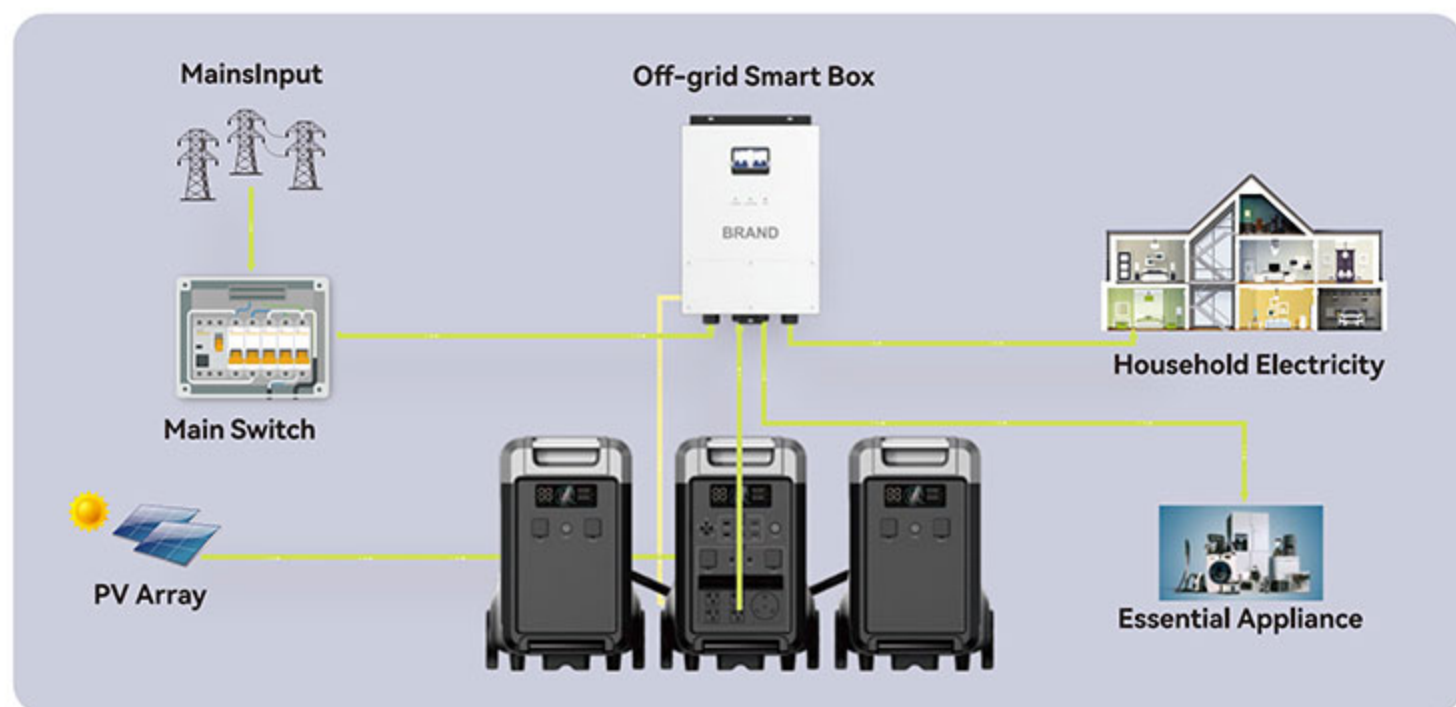


1. Selector Switch
2. Grid Power Supply
3. Fault Indicator Light
4. Energy Storage Power Supply
5. Energy Storage Charging



6. Grid Power Input
7. Energy Storage Input
8. EPS Input
9. Household Load Output

Model	PS001	EPS Switching Time	20ms Max synchronized with portable power station
Rated Voltage	230V	Operating Temperature	-10°C-45°C Limited by Portable Storage Temperature
Input and Output Voltage Range	180V-267V	Operating Humidity	≤90%
Maximum Continuous Input Current	50A	Protection Function	Overvoltage protection, Undervoltage protection, under frequency protection, Over frequency protection
Switching Time	3S	Weight	5.8Kg
Input Frequency	45-65 HZ	Dimensions	277*193*201mm





# YT800

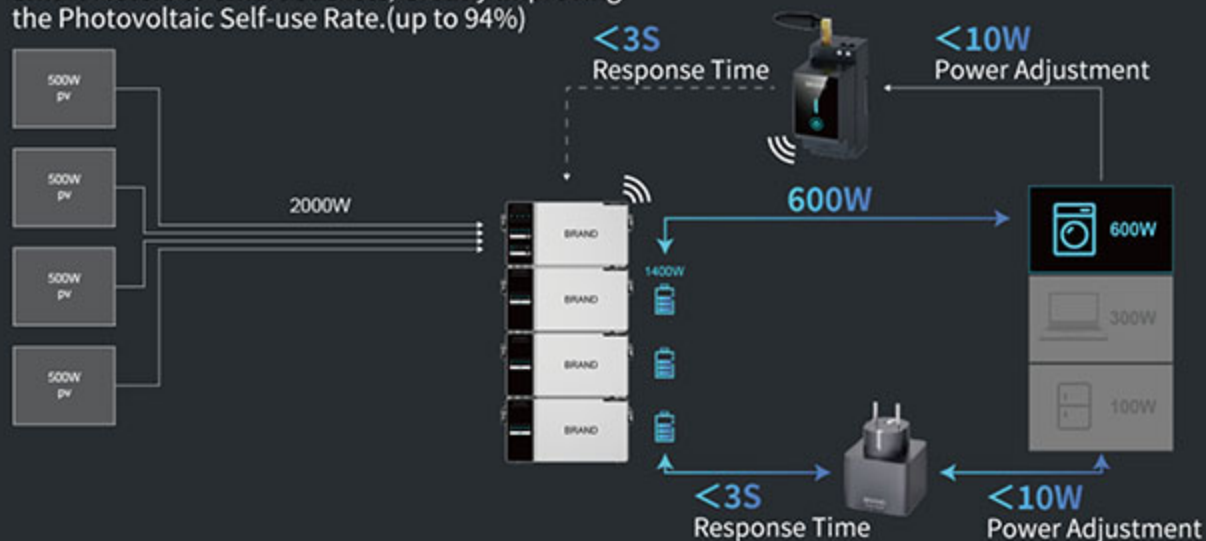
1. Grid-Connected Output
2. AC Output
3. Electric Quantity Display Light
4. Power Button
5. Grid-Connected Key



MPPT Input	2 MPPT (2000W)	Wireless Connections	Bluetooth, WLAN(2.4GHz)
PV Input Voltage	22V-60V DC	Weight	≈25Kg
Waterproofing	IP65	Off-grid Input/Output	1200W
Operating Temperature	-20°C-55°C	Cell Chemistry	LiFePO4 (6000+ Battery Cycles)
Grid-Connected Power	800W	Warranty	15 Years
Capacity	1958Wh*4	Dimensions	460*249*254mm

## Balcony Solar PV system

Power linkage: Power Adjustment Through Smart Meters or Smart Sockets, Greatly Improving the Photovoltaic Self-use Rate.(up to 94%)







**LW066**

## 3600W Portable Power Station

- Capacity: 3840Wh + (2\*3840Wh)
- AC Output: USA/EUR:3600W(110V/120V)  
JPN:3300W(100V)
- AC Input : USA/JPN:1500W  
EUR:2200W
- AC Recharging Time: 3Hrs+ (2\*3Hrs)
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 2000W (11.5V-160V)
- USB-C Output: 100W/20W
- USB-A Output: 18W
- DC Output: 12V/10A, 12V/25A, 12V/3A
- Weight: Host≈42kg Extra Battery Pack≈36.5Kg
- Size: 550\*321\*464mm



**LW098**

## 2500W Portable Power Station

- Capacity: 2160Wh
- AC Output: 2500W
- AC Input : 1800W
- AC Recharging Time: 2.1 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 600W\*2 (11.5V-55V)
- USB-C Output: 140W\*2
- USB-A Output: 18W\*2
- DC Output: 13.6V/10A, 12V/3A\*2, 12V/30A
- Weight: ≈22kg
- Size: 390\*248\*325mm



**LW052**

## 2400W Portable Power Station

- Capacity: 2048Wh
- AC Output: 2400W
- AC Input : 1100W
- AC Recharging Time: 2.1 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 500W (11.5V-50V)
- USB-C Output: 100W/20W
- USB-A Output: 18W
- DC Output: 12V/10A, 12V/25A, 12V/3A\*2
- Weight: ≈22kg
- Size: 386\*284\*321mm





LW079

## 2000W Portable Power Station

- Capacity: 2048Wh
- AC Output: 2000W
- AC Input : 1100W
- AC Recharging Time: 2.1 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 500W (11.5V-50V)
- USB-C Output: 100W
- USB-A Output: 18W/12W
- DC Output: 12V/10A, 12V/25A, 12V/3A
- Weight: ≈22.3kg
- Size: 392\*279\*323mm



LW078

## 1800W Portable Power Station

- Capacity: 1536Wh + (2\*1536Wh)
- AC Output: 1800W
- AC Input : 1500W
- AC Recharging Time: 1.2Hrs+ (2\*1.2Hrs)
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 1200W (11.5V-90V)
- USB-C Output: 100W/20W
- USB-A Output: 18W
- DC Output: 12V/10A
- Weight: Host≈17.5kg Extra Battery Pack≈13.5Kg
- Size: 404\*218\*295mm



LW033

## 1200W Portable Power Station

- Capacity: 960Wh
- AC Output: 1200W
- AC Input : 700W
- AC Recharging Time: 1.7 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 500W (11.5V-50V)
- USB-C Output: 100W/20W
- USB-A Output: 12W
- DC Output: 12V/10A
- Weight: ≈13kg
- Size: 387\*228\*316mm





LW069

## 1200W Portable Power Station

- Capacity: 1024Wh
- AC Output: 1200W
- AC Input : 1000W
- AC Recharging Time: 1.2 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 200W (11.5V-50V)
- USB-C Output: 100W/20W
- USB-A Output: 18W
- DC Output: 12V/10A
- Weight: ≈12kg
- Size: 329\*209\*262mm



LW077

## 1200W Portable Power Station

- Capacity: 1024Wh
- AC Output: 1200W
- AC Input : 1000W
- AC Recharging Time: 1.2 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 200W (11.5V-50V)
- USB-C Output: 100W/20W
- USB-A Output: 18W
- DC Output: 12V/10A
- Weight: ≈12kg
- Size: 329\*205\*273mm



LW085

## 800W Portable Power Station

- Capacity: 768Wh
- AC Output: 800W
- AC Input : 500W
- AC Recharging Time: 1.5 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 200W (11.5V-50V)
- USB-C Output: 100W/20W
- USB-A Output: 18W
- DC Output: 12V/10A
- Weight: ≈9.1kg
- Size: 302\*220\*226mm



LW068

## 800W Portable Power Station

- Capacity: 512Wh
- AC Output: 800W
- AC Input : 400W
- AC Recharging Time: 1.5 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 200W (11.5V-50V)
- USB-C Output: 100W/20W
- USB-A Output: 18W
- DC Output: 12V/10A
- Weight: ≈6.5kg
- Size: 276\*194\*236mm



LW054

## 800W Portable Power Station

- Capacity: 512Wh
- AC Output: 800W
- AC Input : 400W
- AC Recharging Time: 1.5 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 200W (11.5V-50V)
- USB-C Output: 100W/20W
- USB-A Output: 18W
- DC Output: 12V/10A
- Weight: ≈6.5kg
- Size: 276\*209\*230mm



LW036

## 500W Portable Power Station

- Capacity: 484Wh
- AC Output: 500W
- AC Adapter Input : 120W
- AC Recharging Time: 4.8 Hrs
- Cell Chemistry: Ternary Lithium Battery
- Solar Recharging : 150W
- USB-C Output: 100W
- USB-A Output: 18W/12W
- DC Output: 12V/10A
- Weight: ≈5kg
- Size: 269\*178\*205mm





**LW089**

## 400W Portable Power Station

- Capacity: 256Wh
- AC Output: 400W
- AC Input : 300W
- AC Recharging Time: 1.2 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 120W (11.5V-30V)
- USB-C Output: 20W
- USB-A Output: 18W
- DC Output: 12V/10A
- Weight: ≈3.8kg
- Size: 245\*173\*151mm



**LW099**

## 300W Portable Power Station

- Capacity: 288Wh
- AC Output: 300W
- AC Input : 300W
- AC Recharging Time: 1.2 Hrs
- UPS: 0.01S
- Cell Chemistry: LiFePO4
- Solar Recharging : 100W
- USB-C Output: 140W/20W
- USB-A Output: 18W
- DC Output: 13.6V/10A
- Weight: ≈4kg
- Size: 237\*199\*170mm



**PH001**

## Cigar Lighter to USB

- Input : 12V/10A
- USB-C Output: 5V/2.4A\*5
- USB-A Output: 5V/2.4A\*5
- DC Output: -10°C~45°C
- Size: 170\*57\*25mm



**PH003**

## Smart Socket

- Detection Precision :  $10W \leq$
- Maximum Detection Power: 2300W
- Maximum Input/Output : 2300W
- Maximum Current : 10A
- Using Temperature Range :  $-10^{\circ}\text{C}-40^{\circ}\text{C}$
- No installation required, plug and play. Low price, and the switch of a single electrical appliance can be controlled remotely with the APP.



**PH004**

## Smart Electric Meter

- Detection Precision :  $10W \leq$
- Supply Voltage : 230V
- Maximum Detection Current : 63A
- Using Temperature Range :  $-10^{\circ}\text{C}-40^{\circ}\text{C}$
- Status Display : APP real-time display
- Real-time monitoring of the working status of all electrical appliances at home, record household electricity consumption.

**More new products are  
under developing.....**