

**INDOOR PORTABLE EMERGENCY POWER SUPPLY**

# Portable Power Station







Our Power Station is a rechargeable battery-powered generator. Equipped with AC outlet, DC carport and USB charging ports, the Power Station brings ideal emergency power for appliances like mini-fridge, air pump, laptop, and more!

A compact Devices such as laptops, LED lights, drones, mini fridges and projectors can be powered by the power station for extended periods of time.





# Product Line

## Available

600W/1200W/1800W/2400W Power station have been released in market.

100W/200W/220W/400W Solar Panels are selling in market.

## Development

4000W is in developing, will release this year





## 600W Power Station

600W Portable Power Station is a 595Wh LiFePO4 battery portable power station. Whether it is high-power equipment at home or high-power equipment working outdoors, it can continue to supply power.

Output up to 8 devices

Five charging methods: wall-mounted, USB-C port, car charging, solar disk, USB-C+wall socket

USB-C+ wall socket charging, fast charging from 0-80% in only 3.5 hours

Environmental protection / airless / quieter / cost-effective

Accept OEM and ODM



## Item 1-600w Power Station



US



EU



UK



AU



UNIVERSAL



# Quick Details

Product name	600W Portable Power Station	Battery Capacity	595.2Wh, 186000mAh, (19.2V, 31Ah) LiFePO4 (2500+ Full Life Cycles)
BMS	Japan Renesas BMS (New Energy Vehicles Level Battery Management System)	LED Light	7W , 3 mode, 1.Low brightness- >2. High brightness->3.Flashing SOS
Input Voltage	DC12-30V 100W Max (DC7909 port). , USB-C PD 60W max	Waveform	Pure sine wave (US TI Solution)
Solar charging	Yes, have MPPT to support solar panel charging	Dimension	267*197*247 mm
Output -AC Sockets	AC110V-240V, 50/60Hz, 600W rated, 1000W Peak	USB-C Output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A (60W Max)
Car charger	Output 12V/10A	Color/Logo	Customized
USB-A Outupt	5V/3A; 9V/2A; 12V/1.5A (18W Max) support protocol QC3.0/QC2.0, FCP, SCP, AFC, MTKPE+2.0/1.1, Apple2.4A	N.W.	6.8KGS











## Real-time data at a glance

- Charging power
- Over temperature warning
- Safety warning
- Charging time
- Function status
- Power display

**Battery percentage**

**Remaining discharge time**

**Input power**

**Output power**

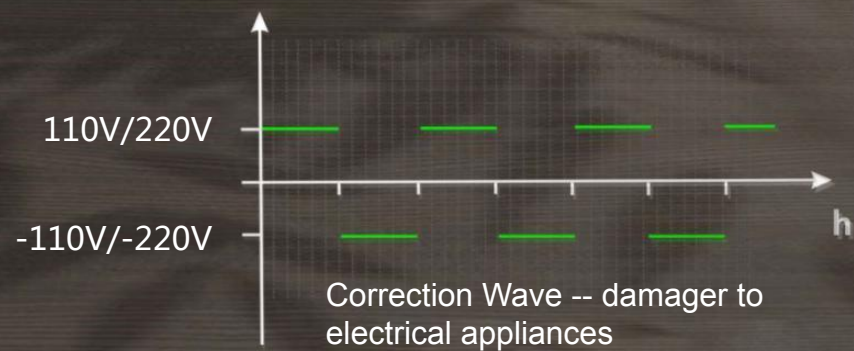
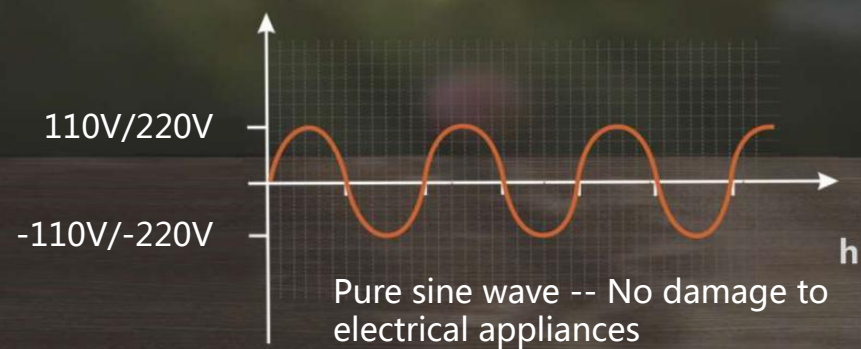




## AC Output

**High Stability**

**Friendly to electrical appliances**





## DC Output

USB-A\*2 : 5V/3A ; 9V/2A ; 12V/1.5A ( 18W Max ) ;

USB-C : 5V/3A ; 9V/3A ; 12V/3A ; 15V/3A ; 20V/3A ( 60W Max ) ;

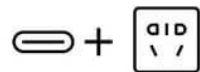
DC 12V output ( &cigarette lighter ) : 12V/10A





# 5 WAYS TO RECHARGE

0-80% Charge Time Reference



USB-C+Wall Outlet

3.5H



Wall Outlet

7.5H



Car Charging

10.5H



Solar Panel

7.5H



USB-C Port

12H



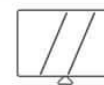
Light (10w)  
52 Hrs



iPhone 12  
36 Charges



Camera (5W)  
113 Charges



TV (60W)  
8.2 Hrs



Car Fridge (60W)  
9 Hrs



MacBook Pro 16"  
4.5 Charges



Drone (90w)  
6 Charges



CPAP (40W)  
13-42 Hrs



Wifi Router (10W)  
52 Hrs



iPad 8th 10.2"  
10 Charges



Switch (39W)  
13 Charges



Blender (300W)  
1.7 Hrs







## 1200W Power Station

1200W Portable Power Station is a 992Wh LiFePO4 portable power station. Whether it is high-power equipment at home or high-power equipment working outdoors, it can continue to supply power.

Output up to 10 devices

Three charging methods: AC wall socket, solar panel, car socket

Provide over-current, over-voltage, and over-temperature protection

Environmental protection / airless / quieter / cost-effective

Accept OEM and ODM





## Item 2-1200w Power Station



US



EU



UK



AU



UNIVERSAL



Switzerland

# Quick Details

Product name	1200W Portable Power Station	Battery Capacity	992Wh,31000mAh,(32V ; 31Ah) LiFePO4 (2500+ Full Life Cycles)
BMS	Japan Renesas BMS (New Energy Vehicles Level Battery Management System)	LED Light	7W , 3 mode, 1.Low brightness- >2. High brightness->3.Flashing SOS
Input Voltage	DC12-30V 200W Max (DC7909 port). , USB-C PD 60W max	Waveform	Pure sine wave (US TI Solution)
Solar charging	Yes, have MPPT to support solar panel charging	Dimension	330*220*289mm
Output -AC Sockets	AC110V-240V, 50/60Hz, 1200W rated, 3600W Peak	USB-C Output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A (60W Max Left ) 5V/3A; 9V/2A; 12V/1.5A (18W Max Right)
Car charger	Output 12V/10A	Color/Logo	Customized
USB-A Outupt	5V/3A; 9V/2A; 12V/1.5A (18W Max) support protocol QC3.0/QC2.0, FCP, SCP, AFC, MTKPE+2.0/1.1, Apple2.4A	N.W.	11KGS





LED lamp



## Real-time data at a glance

- Charging power
- Over temperature warning
- Safety warning
- Charging time
- Function status
- Power display







### 3 Ways to Recharge



Wall Outlet  
5 Hours



Car Charging  
12 Hours



100W+100W  
Solar Panel  
8 Hours

# 992Wh

## LIFEPO4 BATTERY

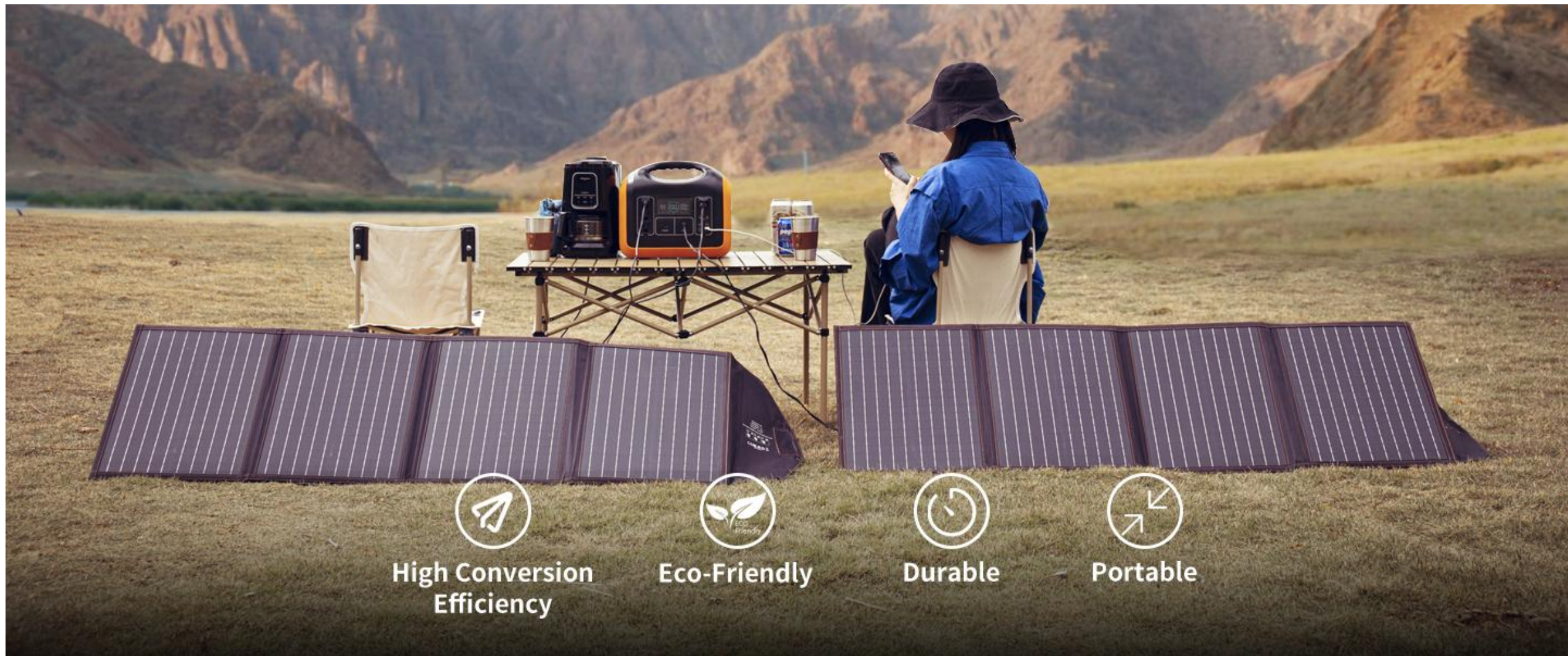
DURABLE BACKUP POWER

CPAP (AC Outlet) 17 Hrs	Laptop (Mackbook Pro13) 8 Charges	Electric Grill (900W) 50 Mins
Mini Fridge (60W) 17 Hrs	TV (60W) 12 Hrs	Ice Shaver (700W) 85 Mins
Pressure Cooker (900W) 50 Mins	Blender (500W) 2 Hrs	Coffee Maker (550W) 88 Mins









High Conversion  
Efficiency



Eco-Friendly



Durable



Portable



# 1800W Power Station

1800W portable power station is a portable power station with larger energy storage capacity. Whether it is high-power equipment at home or high-power equipment working outdoors, it can continue to supply power.

10 output ports meet multiple devices

3 flexible ways to recharge

Provide over-current, over-voltage, and over-temperature protection

Environmentally friendly / No gas / Quieter / Cost-effective

Accept OEM and ODM





Item 3-1800w Power Station



US



EU



UK



Universal



Switzerland

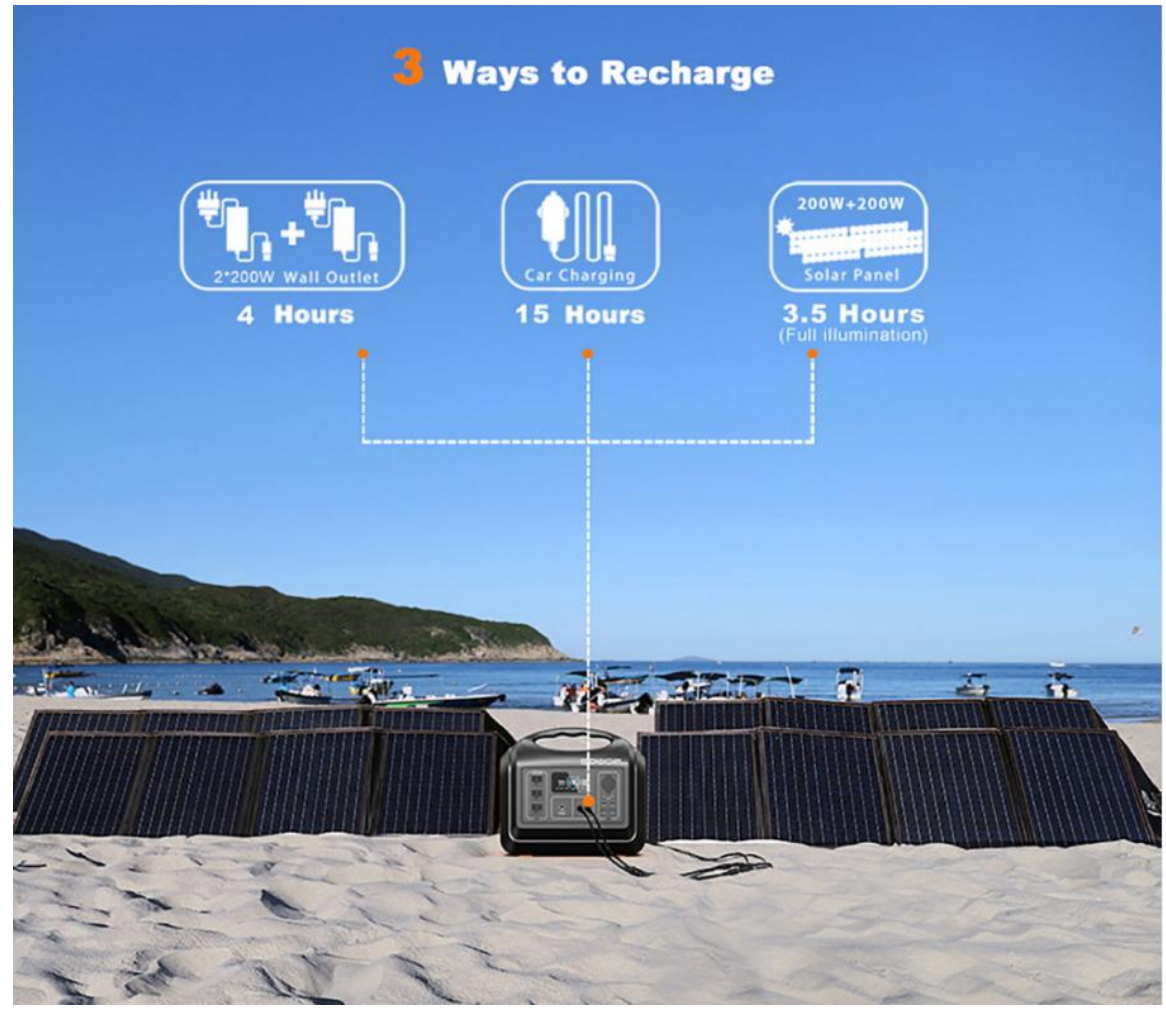


AU

# Quick Details

Product name	1800W Portable Power Station	Battery Capacity	1488Wh,465000mAh ,(32V ; 46.5Ah) LiFePO4 (2500+ Full Life Cycles)
BMS	Japan Renesas BMS (New Energy Vehicles Level Battery Management System)	LED Light	7W , 3 mode, 1.Low brightness- >2. High brightness->3.Flashing SOS
Input Voltage	DC12-30V 2*200W Max, USB-C PD 60W max	Waveform	Pure sine wave (US TI Solution)
Solar charging	Yes, have MPPT to support solar panel charging	Dimension	385*243*340mm
Output -AC Sockets	AC110V-240V, 50/60Hz, 1800W rated, 4000W Peak	USB-C Output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A (60W Max Left ) 5V/3A; 9V/2A; 12V/1.5A (18W Max Right)
Car charger	Output 12V/10A	Color/Logo	Customized
USB-A Outupt	5V/3A; 9V/2A; 12V/1.5A (18W Max) support protocol QC3.0/QC2.0, FCP, SCP, AFC, MTKPE+2.0/1.1, Apple2.4A	N.W.	15KGS







**1800W  
AC OUTPUT**

**Supply 99%**  
of Home Devices Even Large  
Appliances



iphone  
(3110mAh)  
**131 Charges**



Tablet PC  
(30Wh)  
**43.6 Charges**



Laptop  
(60Wh)  
**22 Charges**



Light  
(10W)  
**131 Hrs**



Mini Cooler  
(50W)  
**26 Hrs**



Fanner  
(30W)  
**43.6 Hrs**



Electric Tool  
(300W)  
**4.36 Hrs**



WIFI  
(10W)  
**131 Hrs**



TV (110W)  
**12 Hrs**



Ventilator(40W)  
**33 Hrs**



Camera(16Wh)  
**82 Charges**



Drone(60Wh)  
**22 Charges**





## Advanced BMS Management System

Over Discharge  
Protection

Overload  
Protection

Overcharge  
Protection

Short Circuit  
Protection

Overvoltage  
Protection

Over Temperature  
Protection

Low Temperature  
Protection

BMS

## LiFePO4 Battery

Safer and more stable than other lithium batteries,  
longer service life

2500+  
Charging Cycles



- ✓ LifePO4 Battery
- ✓ 10 Years Battery life
- ✓ 2500+ Charging Cycles
- ✓ NO-TOXIC



### OTHERS

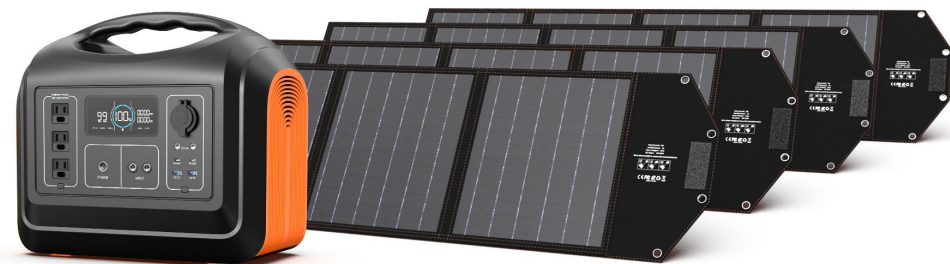
- ✗ lithium-ion Battery
- ✗ 1.5-2.5 years battery life
- ✗ 300-500 Cycles
- ✗ TOXIC



100w Solar Panel Used with  
600w Power Station



200w Solar Panel Used with  
1200w Power Station



400w Solar Panel Used with  
1800w Power Station

## Solar Generator

A solar generator is a combination of a solar panel and a portable power station that can provide a green solar energy solution. Compared with fuel generators, a solar generator is lightweight, portable, quiet, and without toxic fumes.

Instead of using gas, diesel, or propane, a solar generator uses the sun as its fuel source. A solar generator can gather energy from the sun, store it in a high-capacity battery, and then power your appliance, laptop, or smartphone.



2400W

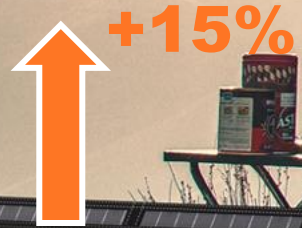
Portable Power Station





**MPPT 1000W Max**  
**220w\*4 SOLAR PANLE**

Dynamic tracking of the maximum power of solar panel  
Transfer efficiency is 15% higher than without MPPT



**2232**Wh

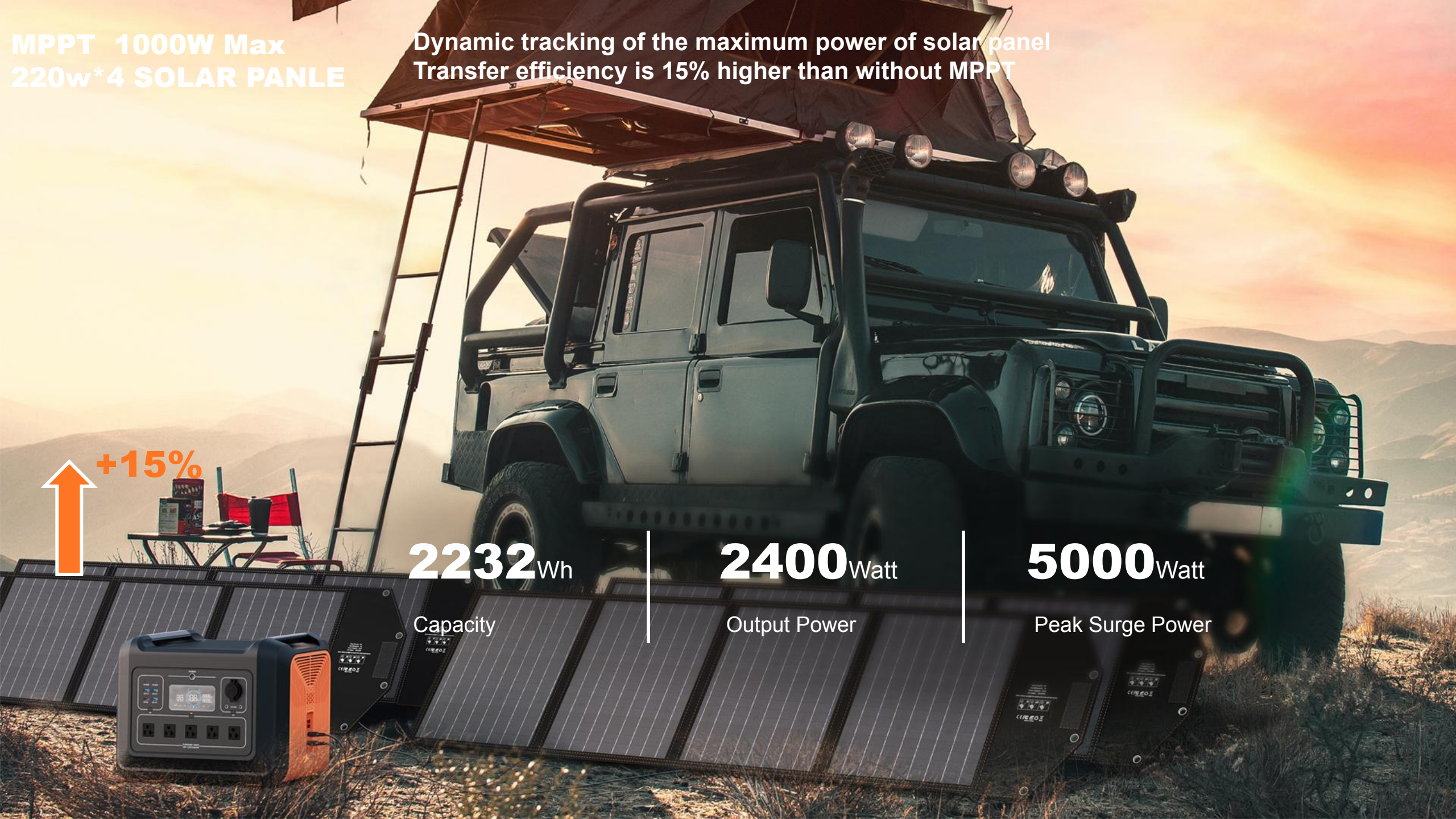
Capacity

**2400**Watt

Output Power

**5000**Watt

Peak Surge Power





Item 4-2400w Power Station



US



EU



Universal



UK



AU

# Quick Details

Product name	2400W Portable Power Station	Battery Capacity	2232Wh,697500mAh ,(48V ; 46.5Ah) LiFePO4 (2500+ Full Life Cycles)
BMS	Japan Renesas BMS (New Energy Vehicles Level Battery Management System)	LED Light	7W , 3 mode, 1.Low brightness- >2. High brightness->3.Flashing SOS
Input Voltage	DC12-45V 2*24V/200W,2*28V/300W,2*45V/500W, USB-C PD 60W max	Waveform	Pure sine wave (US TI Solution)
Solar charging	Yes, have MPPT to support solar panel charging MPPT 1000W Max 220w*4 Solar Panle	Dimension	420*270*313mm
Output -AC Sockets	AC110V-240V, 50/60Hz, 2400W rated, 5000W Peak	2 USB-C Output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A (60W Max)
Car charger	Output 12V/10A	Color/Logo	Customized
USB-A Outupt	5V/3A; 9V/2A; 12V/1.5A (18W Max) support protocol QC3.0/QC2.0, FCP, SCP, AFC, MTKPE+2.0/1.1, Apple2.4A 5V/2A (Software upgrade port)	N.W.	20.7KGS



## Smart HD LCD display-2400W

### Real-time data at a glance

- Charging power
- Over temperature warning
- Safety warning
- Charging time
- Function status
- Power display





USB-A Output Port\*4

USB-C Output Port\*2

Main Power On/Off Switch

LCD Screen

Car Charger Output Port

DC 5521 Output Port

DC Output Power On/Off Switch2

AC Output Power On/Off Switch

DC Output Power On/Off Switch1

2400W AC Output Port\*5





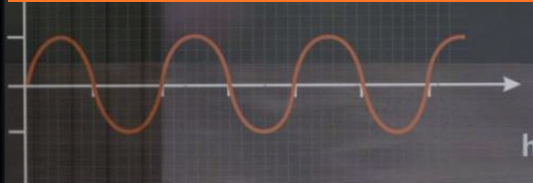
## AC Output



## PURE SINE WAVE CURRENT

Pure sine wave -- No damage to electrical appliances

110V/220V  
-110V/-220V



Correction Wave -- damager to electrical appliances

110V/220V  
-110V/-220V





## DC Output

USB-A\*4 : 5V/3A ; 9V/2A ; 12V/1.5A ( 18W Max ) ; 5V/2A

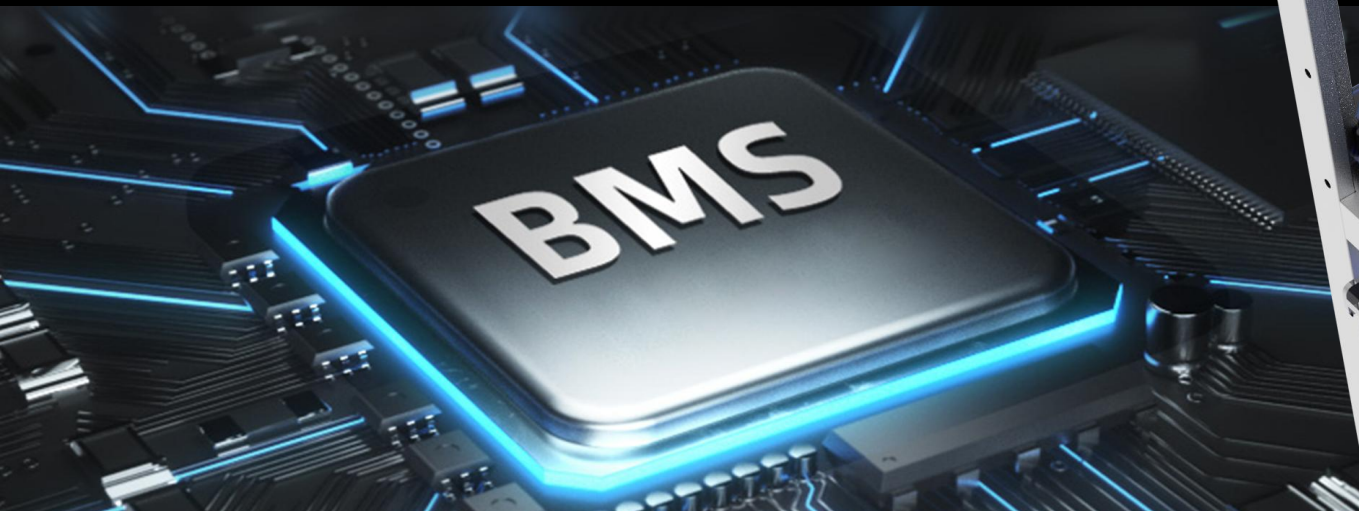
USB-C\*2 : 5V/3A ; 9V/3A ; 12V/3A ; 15V/3A ; 20V/3A ( PD60W Max ) ;

DC 12V output ( &cigarette lighter ) : 12V/10A





# Smart Power Management IC



Battery Wake-up Pre-Charge System - 1.5A Trickle activation charge control



Over Discharge  
Protection



Overload  
Protection



Overcharge  
Protection



Short Circuit  
Protection



Overvoltage  
Protection



Over Temperature  
Protection



Low Temperature  
Protection

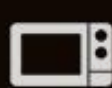


- **2500+ CYCLES BATTERY HEALTH**

- **Battery Pack ABS+PC  
Fire Rating UL94-V0**

- **Intelligent  
Three-Speed Cooling Fan Control**





Microwave  
(1300W)  
**1.5<sup>+</sup>** Hrs



Tablet PC  
(30Wh)  
**65.5<sup>+</sup>** Charges



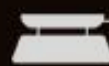
Laptop  
(60Wh)  
**32.7<sup>+</sup>** Charges



Light (10W)  
**196<sup>+</sup>** Hrs



Mini Cooler  
(50W)  
**16.3<sup>+</sup>** Hrs



Electric Frying  
Pan (1200W)  
**1.6<sup>+</sup>** Hrs



Washer  
(500W)  
**3.9<sup>+</sup>** Hrs



Hair Dryer  
(1600W)  
**1.2<sup>+</sup>** Hrs



TV (110W)  
**18<sup>+</sup>** Hrs



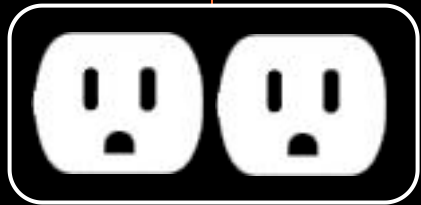
CPAP  
(40W)  
**49<sup>+</sup>** Hrs



Coffee Maker  
(1000W)  
**2<sup>+</sup>** Hrs



Drone(60Wh)  
**33<sup>+</sup>** Charges



WALL OUTLET WALL OUTLETS ( 374W ) 2\*(220W)SOLAR PANEL

CAR OUTLET

4\*(220W)SOLAR PANEL

**≈12.5H**

**≈6.5H**

**≈8-9H**

**≈28H**

**≈4H**



# Power Your Outdoor Life



# OEM



**We support OEM service  
with logo,color or  
packing customization**






- \* Covers 12,000+sqm,
- \* 458+staffs
- \* 43+R&D engineers.
- \* 3 SMT Lines, 8 Production lines, 45 computer controller burn-in test systems, 9 sets ATE and AOI test systems.... and so on, monthly capacity on power station and Solar Panel about 80000-100000pcs .
- \*Standard internal laboratory with all test equipments about power station,solar panel and power supply.









Focus on offering the most reliable  
emergency power supply for you!