



5000W

Portable Power Station





**5040**Wh

Capacity

**5000**Watt

Output Power

**7000**Watt

Peak Surge Power

EU

## 5000W RPES-MSI-1001



### • Capacity

5040Wh (48V ; 105Ah)

AC Output

220~240V/5000W (Rated) ; 7000W (Peak) (\*5)

DC 12V output  
(&cigarette lighter&DC5521)

12V/10A

Anderson Output

12V/30A

4\*USB-A output

5V/3A; 9V/2A; 12V/1.5A (18W Max) ; 5V/2A

2\*USB-C output

5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A; (PD 60W Max)

AC Charge Input

220~240VVa.c 16A Max 2500W Max

PV(Anderson) Input

12~150Vd.c 15A Max 2500W Max

EV Charging

220~240Va.c 16A Max

Waveform

Sine Wave

Size

25.2\*11.9\*17.2in (641.5\*304.5\*437.5mm)

Net Weight

110.23lb (50kg)

# Brand packaging



5000W Energy Storage Power Station



AC Charging Cable



Anderson to 7909 Adapter Cable



Anderson Transfer Car Charging Transfer Cable



Anderson to MC4 Adapter Cable



MC4 to 7909 Transfer Cable



User Manual



Warranty Card

# FUNCTION DESCRIPTION-4000W



## FUNCTION DESCRIPTION-4000W



AC Charge Input

PV(Anderson) Input

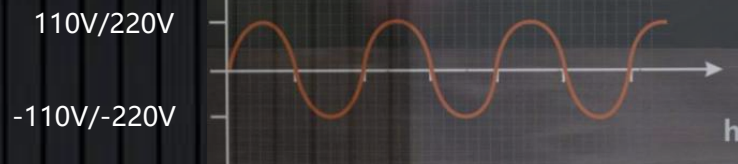
Overload Protection (AC IN/OUT Protection)

Extra Battery Port

# AC Output

# PURE SINE WAVE CURRENT

Pure sine wave -- No damage to electrical appliances



Correction Wave -- damager to electrical appliances



## 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





## Seamless UPS Backup

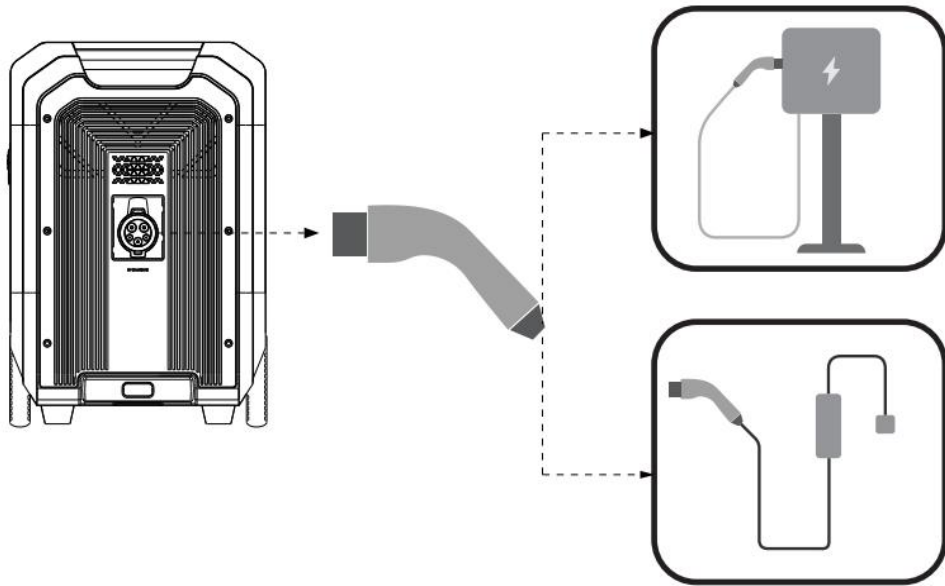


### parameter

Model	RPES-MSI-1002
UPS Mode Power	2200W
UPS Mode Switching Time	≤20ms
Remark	Priority load use, load greater than 2000W charging power is zero, greater than 2200W 1 minute overload

Model	RPES-MSI-1001
UPS Mode Power	5000W
UPS Mode Switching Time	≤20ms
Remark	Priority load use, load greater than 5000W 1 minute overload

## EV charge optional



## Parameter

Model	RPES-MSI-1002
EV Charging	2000W
EV Input UPS Mode	2200W
Remark	EV input must be disconnected from the AC input circuit breaker, otherwise the AC input port is charged and there is a risk of electric shock

Model	RPES-MSI-1001
EV Charging	2500W
EV Input UPS Mode	5000W
Remark	EV input must be disconnected from the AC input circuit breaker, otherwise the AC input port is charged and there is a risk of electric shock

# MPPT

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

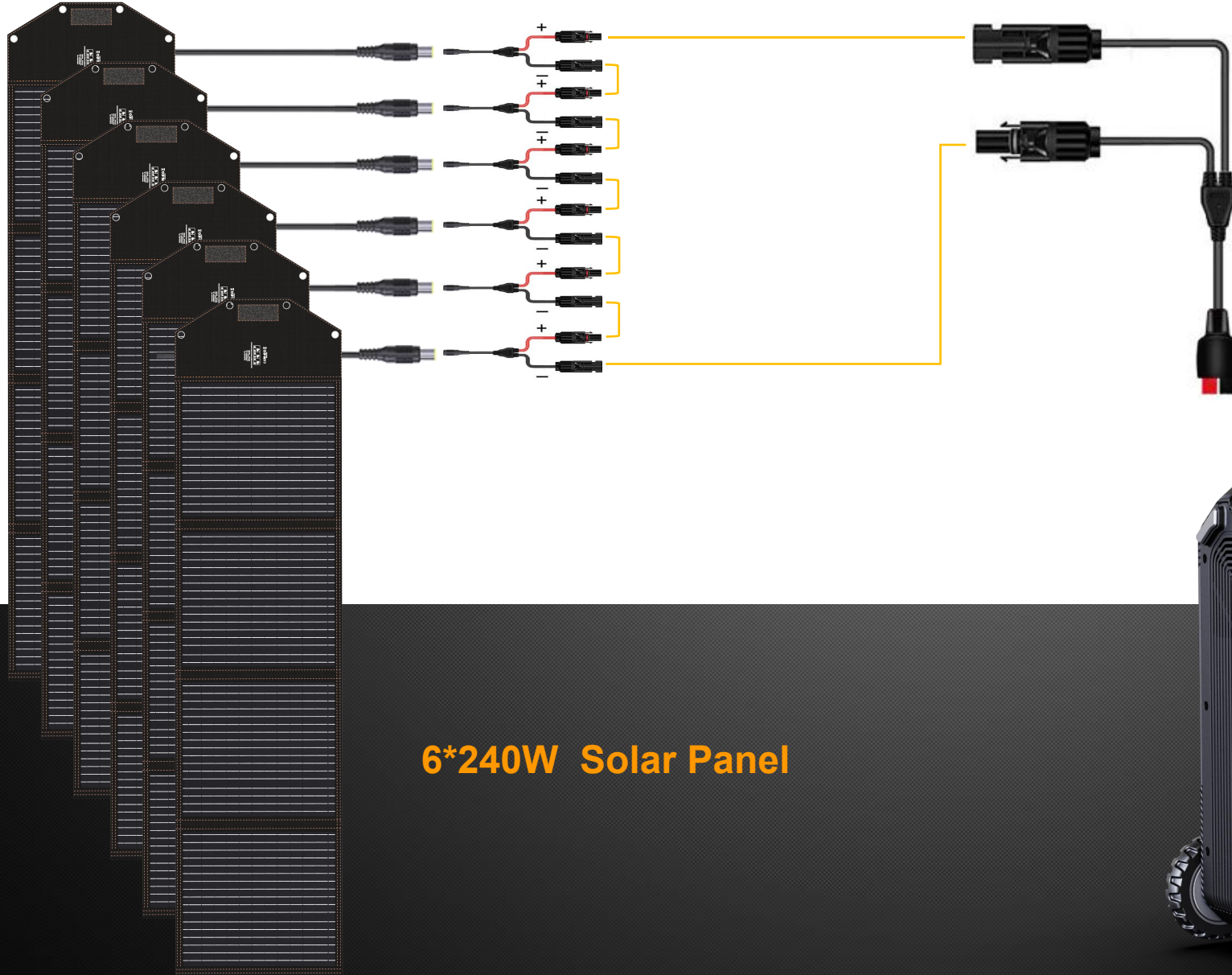


# PV Input



240W Solar Panel

# PV Input



**6\*240W Solar Panel**



# APP Remote Control

## 展示效果



## Smart Extra Battery

$$5040_{\text{Wh}} + 5040_{\text{Wh}} = 10.08\text{KWh}$$

Capacity



## Portable pull rod

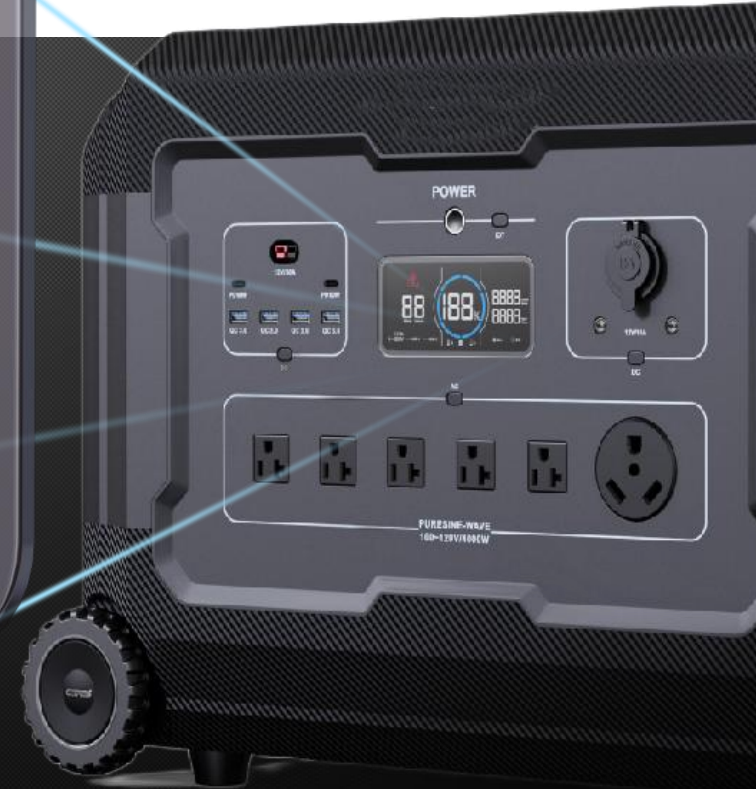




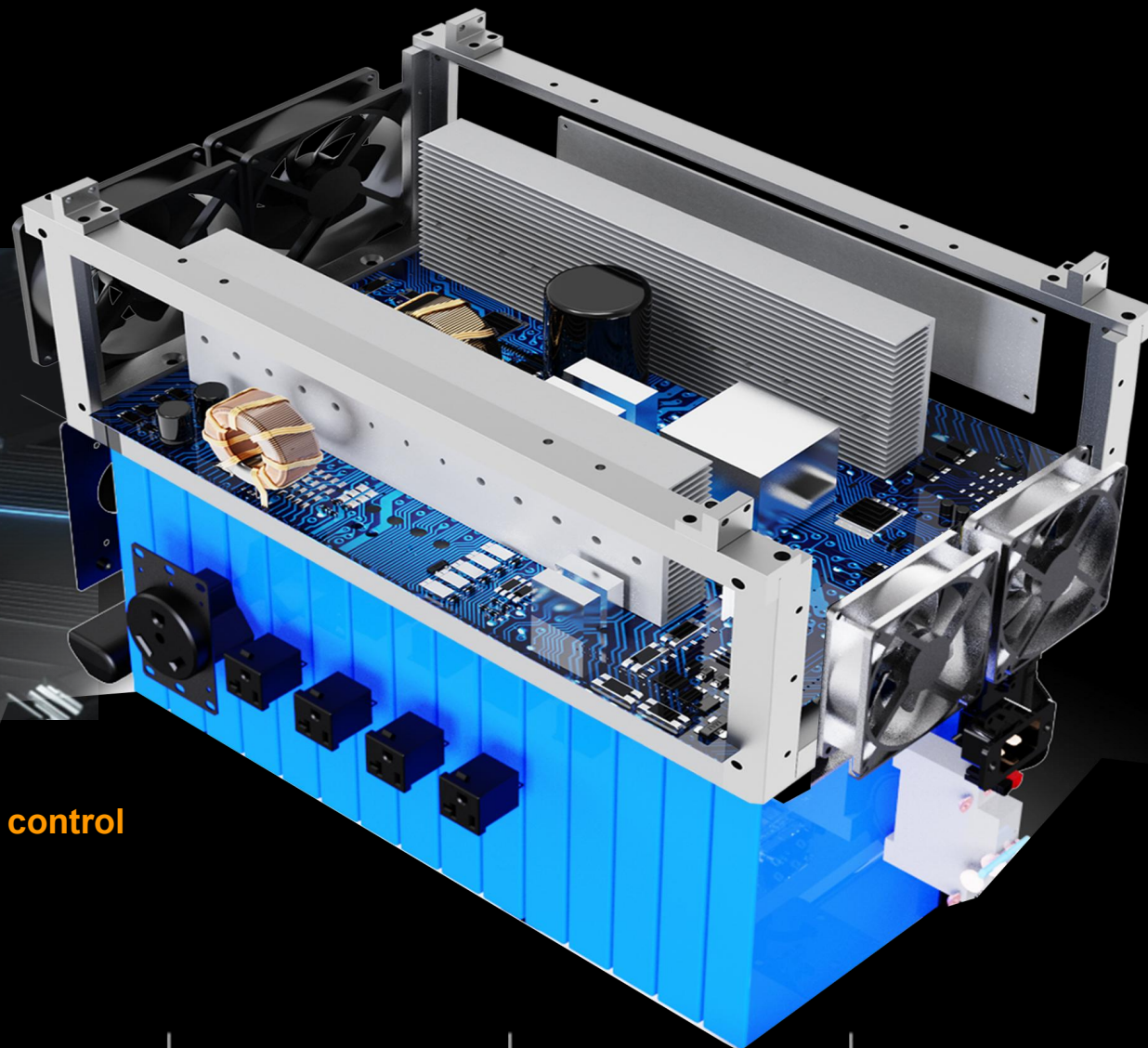
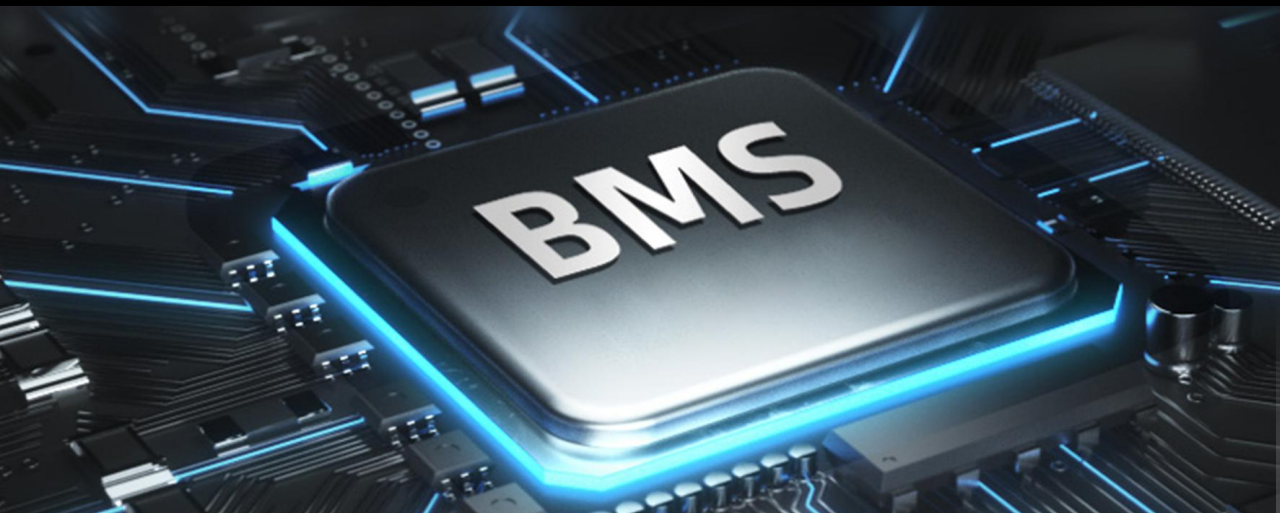
## Smart HD LCD display-4000W

### Real-time data at a glance

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



# 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

# What can it power-4000W

 Microwave (1300W) <b>3.1<sup>+</sup></b> Hrs	 Tablet PC (30Wh) <b>134.4<sup>+</sup></b> Charges	 Laptop (60Wh) <b>67.2<sup>+</sup></b> Charges	 Light (10W) <b>403.2<sup>+</sup></b> Hrs
 Mini Cooler (50W) <b>80.6<sup>+</sup></b> Hrs	 Electric Frying Pan (1200W) <b>3.3<sup>+</sup></b> Hrs	 Washer (500W) <b>8<sup>+</sup></b> Hrs	 Hair Dryer (1600W) <b>2.5<sup>+</sup></b> Hrs
 TV (110W) <b>36.6<sup>+</sup></b> Hrs	 CPAP (40W) <b>100.8<sup>+</sup></b> Hrs	 Coffee Maker (1000W) <b>4<sup>+</sup></b> Hrs	 Drone(60Wh) <b>67.2<sup>+</sup></b> Charges

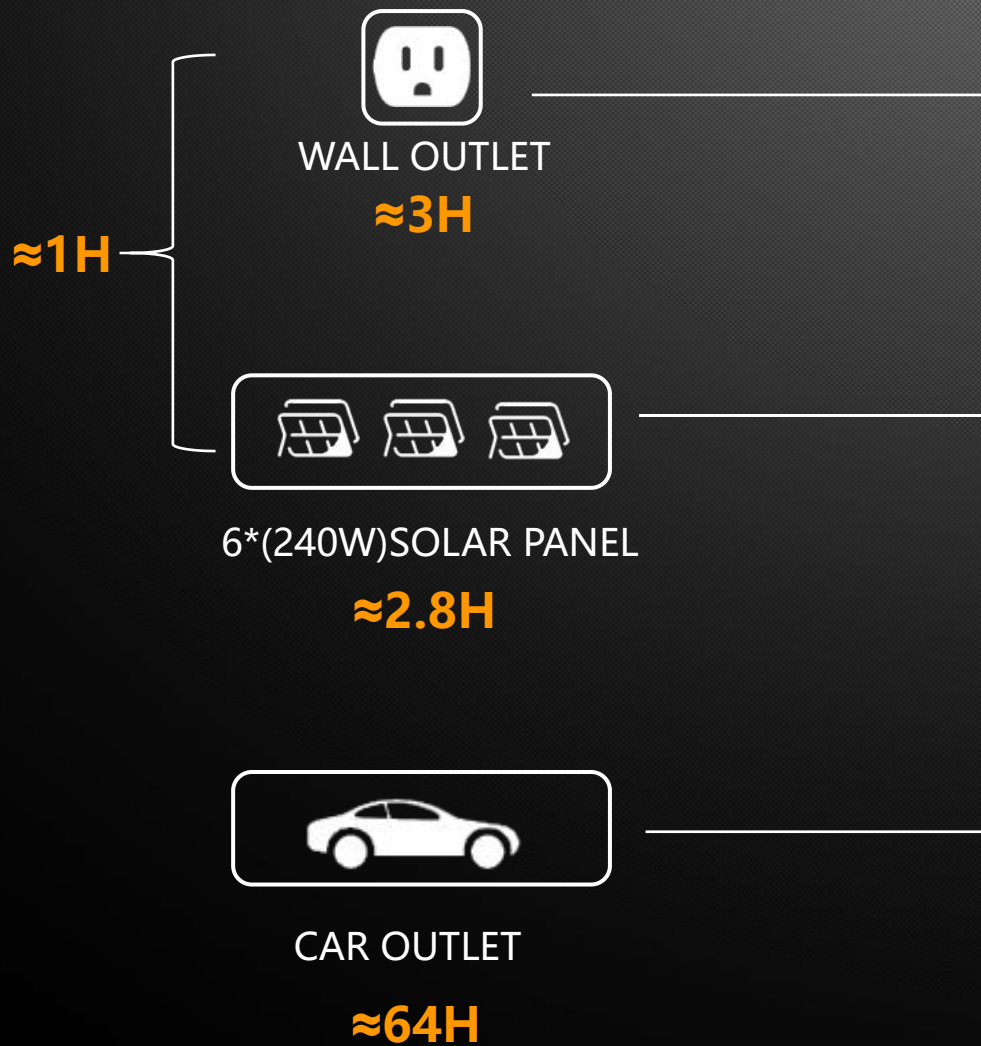


# LiFePO<sub>4</sub> BATTERY

- 2500+  
CYCLES BATTERY HEALTH
- Battery Pack ABS+PC  
Fire Rating UL94-V0
- Intelligent  
Three-Speed Cooling Fan Control



# How to recharge



Data based on internal test, with original solar pannels in full sun.



**AceOn Group**