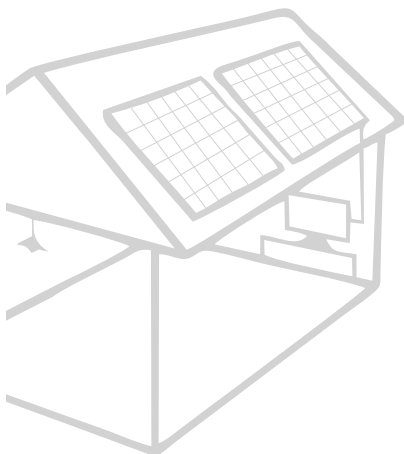




PORTABLE POWER STATION M-PSSE Series



Suitable for homes, stores, offices, and other scenarios.



- ▶ **High Energy Density**
Advanced materials and processes are used to store more electrical energy in a limited volume, meeting various household electricity demands.
- ▶ **Long Cycle Life**
It has an extremely long cycle life, with the cycle life being ≥ 6000 times, and the service life ranging from 5 to 10 years.
- ▶ **High-Efficiency Charge - Discharge**
Charge-discharge efficiency $\geq 90\%$, It supports fast charging and provides stable discharging, ensuring stable power supply for various electrical appliances.
- ▶ **Environmental Protection and Safety**
Environmentally friendly materials are selected, and the production process complies with environmental protection standards. Multiple safety protection designs are adopted to avoid potential safety hazards such as fires and electric leakage.

M-PSSE 500W Parameters

Input and output parameters

Rated input voltage	230VAC
Input voltage range	90-280Vac +5Vac
Input power factor	>0.95
Rated output voltage	230Vac \pm 5Vac
Output power factor	\geq 0.99
Overload capacity	CP 500W Latch output @ <170Vac
PV voltage input range	11-55VDC
Maximum input power of PV	300W max
maximum PV input current	27A max
Maximum output	500W max

Battery parameters

Cell capacity	314AH
Nominal cell voltage	3.2V
Cell cycle times	8000 cycles@(25°C,100%D0D,0.5P,@70%SOH)
Maximum storage time after full charge	1 year (full charge state)
Operating ambient temperature	Charging: 0°C~40°C Discharge: -20°C~40°C
Storage environmental temperature	-20°C to 60°C
Humidity ; Dampness	10%-90%
AC AC socket	National standard/Universal
weight	~11.2KG
Size	260mm*320mm*150mm
Defensive function	AC input under voltage protection, AC output over current protection, photovoltaic input reverse protection, photovoltaic input power limitation, battery overcharge and discharge protection, battery high and low temperature protection, over temperature protection, short circuit protection



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M-PSSE 1000W Parameters

Input and output parameters

Rated input voltage	230VAC
Input voltage range	90-280Vac +5Vac
Input power factor	>0.95
Rated output voltage	230Vac ±5Vac
Output power factor	≥0.99
Overload capacity	CP 1000W Latch output @ <170Vac
PV voltage input range	11-55VDC
Maximum input power of PV	500W max
maximum PV input current	45A max
Maximum output	1000W max

Battery parameters

Cell capacity	314AH
Nominal cell voltage	6.4V
Cell cycle times	8000 cycles@(25°C,100%D0D,0.5P,@70%SOH)
Maximum storage time after full charge	1 year (full charge state)
Operating ambient temperature	Charging: 0°C~40°C Discharge: -20°C~40°C
Storage environmental temperature	-20°C to 60°C
Humidity ; Dampness	10%-90%
AC AC socket	National standard/Universal
weight	~19.6KG
Size	410mm*330mm*155mm
Defensive function	AC input under voltage protection, AC output over current protection, photovoltaic input reverse protection, photovoltaic input power limitation, battery overcharge and discharge protection, battery high and low temperature protection, over temperature protection, short circuit protection



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M-PSSE 2000W Parameters

Input and output parameters

Rated input voltage	230VAC
Input voltage range	90-280Vac +5Vac
Input power factor	>0.95
Rated output voltage	230Vac ±5Vac
Output power factor	≥0.99
Overload capacity	CP 1500W Latch output @ <170Vac
PV voltage input range	18-110VDC
Maximum input power of PV	1200W max
maximum PV input current	66A max
Maximum output	2000W max

Battery parameters

Cell capacity	314AH
Nominal cell voltage	12.8V
Cell cycle times	8000 cycles@(25°C,100%D0D,0.5P,@70%SOH)
Maximum storage time after full charge	1 year (full charge state)
Operating ambient temperature	Charging: 0°C~40°C Discharge: -20°C~40°C
Storage environmental temperature	-20°C to 60°C
Humidity ; Dampness	10%-90%
AC AC socket	National standard/Universal
weight	~26.3KG
Size	550mm*160mm*410mm
Defencive function	AC input under voltage protection, AC output over current protection, photovoltaic input reverse protection, photovoltaic input power limitation, battery overcharge and discharge protection, battery high and low temperature protection, over temperature protection, short circuit protection



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