



YouthPOWER 300W LiFePO4 Portable Power Station 1KWH

- Safety: LiFePO4 Battery (6,000+ Cycles)
- Power: 1kWh Capacity / 300W Output
- Versatility: Solar/AC/Car Input & Output
- Portability: All-in-One, Lightweight Design

Product Specification

Model	YP300W1000
Output Voltage	230V
Rated Output Power	300W
Maximum Output Power	Overload power 320W (2S), instantaneous power 500W (500ms)
Output Waveform Type	Pure sine wave (THD<3%)
Communication Output Frequency	Factory setting 50Hz ± 1Hz
AC Input Voltage Range	100~240VAC(Configurable Option)
AC Maximum Input Power	250W
AC Input Frequency Range	47~63Hz
MPPT Charging Voltage Range	12V-52V
Solar Input Power	300W MAX
Solar Input Current	0-10.5A
Car Charging Voltage	12V-24V
Car Charging Current	0-10A MAX
USB Output Voltage and Current	5V/3.6A 4.0A Max
USB Output Power	18W
UPS Output and Input Power	500W
UPS Switching Time	<50ms
Cell Type	Lithium Iron Phosphate
Over-temperature Protection	Protection mode: turn off output, automatically restore after temperature drop
Low Temperature Protection	Protection mode: Turn off output, automatically restore after temperature rise
Nominal Energy	1005Wh
Cycle Life	6000 Cycles
Operating Temperature	Charge: 0~45°C / Discharge: -20~55°C
Storage Temperature	-20 65°C , 10-95%RH
Certification	UN38.3, UL1642(cell), more available upon request
Dimension	L308*W138*H210mm
Approx Weight	9.5KG
Package Dimension	L368*W198*H270mm
Package Weight	10.3KG
Accessories - AC Power Cord	Standard configuration
Over-temperature Protection	Disconnect the output voltage and automatically restore after the temperature drops.
Overload Protection	110% -200% of rated output current Protection mode: Disconnect the output voltage and restart the power supply after removing the abnormal load condition
Short Circuit Protection	Protection mode: Disconnect the output voltage and restart the power supply after removing the abnormal load condition
Work Noise	= 55dB temperature control function.