



»» Features

- Pure sine wave solar inverter
- Built-in 40A MPPT solar charge
- PV input voltage range (30-150VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Meet rich customized demands
- Compatible with lithium battery
- Solar energy is provided directly to the load first

»» Product Data Sheet

Model	EPS-1000-12
RATED POWER	1000VA/1000W
AC Input	
Voltage	230VAC
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)
Frequency Range	50 Hz/60Hz(Auto sensing)
AC OUTPUT	
AC Voltage Regulation	230VAC±5%
Surge Power	
Efficiency(Peak)PV to INV	98%
Efficiency(Peak)Battery to INV	94%
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)
BATTERY	
Battery Voltage	12VDC
Floating Charge Voltage	13.5VDC
Overcharge Protection	16VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	600W
MPPT Range @ Operating Voltage	30-150VDC
Maximum PV Array Open Circuit Voltage solar	150VDC
Maximum Solar Charging Current	40A
Maximum AC Charging Current	40A
Maximum Solar+AC Charging Current	40A + 40A
PHYSICAL	
Dimension, D*W*H(mm)	290*240*91
Cartoon Dimension, D *W *H(mm)	340*290*145
Net Weight(kgs)	3.3kg
Gross Weight(kgs)	3.8kg
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non~condensing)
Operating Temperature	-10°C~50°C
STANDARD	
Compliance Safety	CE