

EP Series & EP solar Series - Pure sine wave inverter

1000W 2000W 3000W 4000W 6000W



PERFORMANCE CHARACTERISTICS

EP series is Inverter sine wave low frequency inverter, suitable for all electrical equipment. With wide input voltage range, stable output voltage and fast switching speed to provide uninterrupted power supply. Large LCD display for more detailed content. Users can connect it to external battery according to the actual needs of users, the back time is not restricted

APPLICATION UPS

Suitable for all electrical equipments, especially for the key equipment, such as communication systems and computer networks, for electric power demanding environment of equipment it offer more flexible, reliable power supply.



SMART HOME



FAN



AIR CONDITIONER



FRIDGE



AQUARIUM



TIVI



LED LIGHT



COMPUTER



SMART PHONE



WIFI



MODEM



CAMERA



SWITCH



SCAN



PRINTER



TIMEKEEPER

FEATURES

- * Low frequency control, wide input voltage range and powerful ability to adapt to the environment
- * Stable output voltage(pure sine wave output), can be applied to all electrical equipment
- * Large LCD display for more detailed content
- * Application of advanced DSP digital control technology, make the UPS more stable performance, superior quality
- * Transfer time fast.
- * Intelligent battery management, prolonging the service life of the battery
- * Complete protection function, high reliability
- * Can be used with generators, wide input voltage and frequency range to effectively isolate the bad power generated by the generator, provide clean, safe, stable power
- * With RS-232/USB computer communication interface can carry out automatic archiving
- * Shutdown and monitor management status of UPS as intelligent monitoring function.

SPECIFICATION

EP Series & EP solar Series - Pure sine wave inverter

Model	EP-1012	EP-2024	EP-3024	EP-4048	EP-6048
Capacity	1000W	2000W	3000W	4000W	6000W
INPUT					
Input voltage range	185V~265V±5V				
Input frequency range	46~64 Hz.				
System Efficiency	95%				
Phase	1 Phase (N-L-G)				
OUTPUT					
Output voltage range	220V±5V				
Output frequency (DC)	50Hz or 60Hz auto detect.				
Wave form	Sine wave (DC Mode)				
Transfer time	10ms. (Typical)				
BATTERY					
Rated charging current	Max 45A (adj)				
Norminal DC input voltage	12V	24V		48V	
Min. DC start voltage	10V	20V		40V	
PROTECTION & FUNCTION					
Overload	(100%<load<120%)±10%: Auto shutdown in 2 mins				
Short circuit	Yes				
Breaker	Input 15A; Output 10A		Input 30A; Output 15A	Input 35A; Output 20A	Input 40A; Output 30A
Fan	Thermo control.				
FUNCTION	DSP control, Fast transfer time				
	Intelligent battery management				
	Disassembled LCD box which can make the operation in a distance of 15 meters.				
	Optimal charging current for different capacity of batteries				
Low current of 800mA for no load (EP solar series)					
PHYSICAL					
Unit dimension (mm)	526*277*212			702*277*212	
Net weight (1pc, kg)	22.8	27.6	32.4	38.2	44.5

STANDARD: Conform to GB/IEC regulation: EMC:GB7260.2/IEC62040-2 GB/17626.2~5/IEC61000-4-2~5 SAFETY:GB4943