

E Series Inverter

Products Features

- Dual MCU design, excellent performance;
- Power frequency, adapt to various types of loads;
- Toroidal transformer, low no-load loss;
- Comprehensive digital LCD display, easy to understand the working status of the machine;
- Wide input voltage range, high-precision output, fully automatic voltage stabilization function;
- LVD , HVD , charging voltage and turn off voltage, battery type/charging current settable;

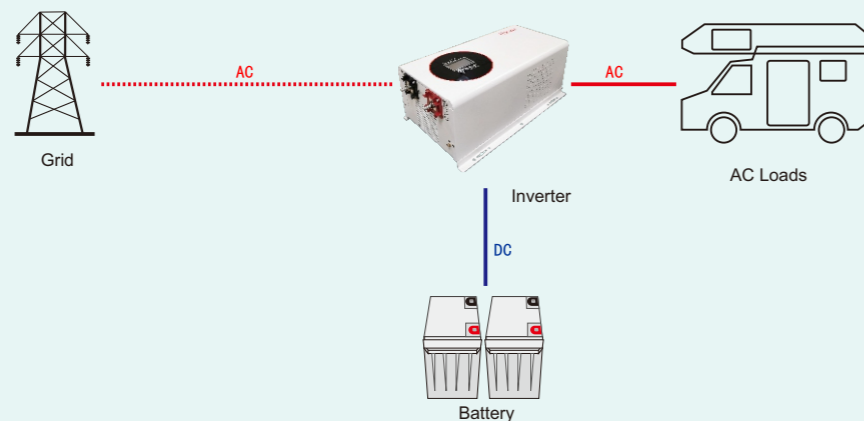
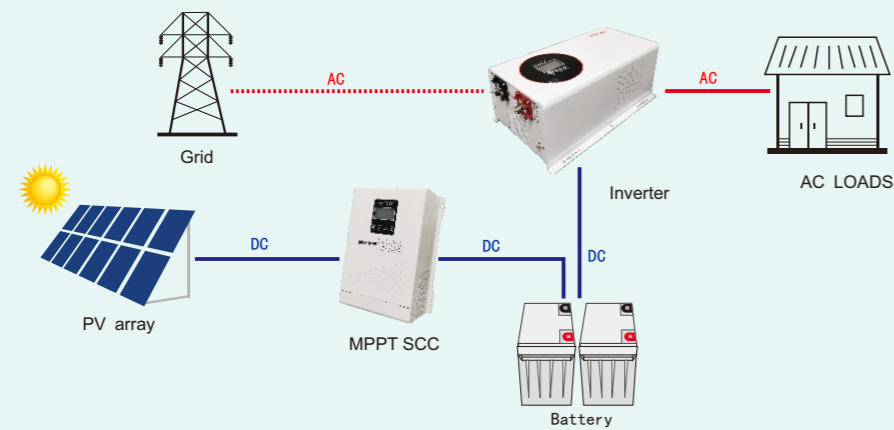


Application



Residential Base station Ship/Island Farm No electricity area Field equipment

Application diagram



Technical Parameters

Inverter mode	EN100	EN150	EN200	EN300	EN400	EN500	EN600
Rated power	1000W	1500W	2000W	3000W	4000W	5000W	6000W
Battery voltage	12V/24V/48V	24V/48V			48V		
Size:(L*W*Hmm)	535*262*185				575*337*215		
package size (L*W*Hmm)	575*312*235				615*387*265		
N.W. (KG)	10.5	12.5	15	17.5	20	24	25
G.W.(KG)	13	15	17.5	20	23	27	28

Input

Phase	L+N+G
AC input range	110V: 85-138VAC; 220V: 170-275VAC
Input frequency	45Hz~55Hz

Output

Output voltage	inverter mode: 110VAC/220V ±5%; AC mode: 110VAC/220VAC ±10%;
Frequency range (AC mode)	Automatic tracking
Frequency range (inverter mode)	50Hz/60Hz ±1%
Over load capacity	AC mode:(100%~110%:10min;110%~130%:1min;>130%:1s;) inverter mode:(100%~110%:30s;110%~130%:10s;>130%:1s;)
Peak current ratio	3:1max
Conversion time	<10ms(Typical loads)
Waveform	Pure sine wave
Efficiency	>98%
Protection functions	Battery overvoltage protection, battery undervoltage protection, overload protection, short circuit protection, overtemperature protection, etc.
Cooling method	Fans cooling

environmental conditions

Operating temperature	0°C-40°C (Battery life decreases at ambient temperatures above 25 degrees Celsius)
Operation humidity	<95% (without condensing)
Operating altitude	<1000m(with increase of 100m, it will reduce output of 1%) max5000m
Noise	<58dB(distance to machine 1m)

Management

Display	LCD+LED
Computer communication interface	RS232(adjust)

*The above data is for reference. If there is any change, please refer to the real object.