



## E Series Inverter

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  
 workingstatus of the machine:

Wide input voltage range, high-precision output, fully  
 automaticvoltage stabilization function;  
 LVD . HVD . charging voltage and turn off voltage,  
 batterytype/charging current settable:





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## Technical Parameters

Inverter mode	EN100	EN150	EN200	EN300	EN400	EN500	EN600
Rated power	1000W	1500W	2000W	3000W	4000W	5000W	6000W
Battery voltage	12V24V/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	>85%(80% resistive loads)
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)



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