

EN series 1000w - 6000w inverter



Product features

- Double MCU intelligent design, excellent performance
- Comprehensive digital LCD display, easy to understand the working state of the machine
- Wide input voltage range, high precision output, full automatic voltage stabilization function
- Battery type/charging current can be set up to meet the charging management of different battery
- Municipal priority mode/energy-saving mode/battery priority mode can be set
- Comprehensive protection function
- Pure sine wave output, compatible with different types of load

Technical parameters

Model	EN100	EN150	EN200	EN300	EN400	EN500	EN600
Rated power	1000W	1500W	2000W	3000W	4000W	5000W	6000W
Battery	Rated volatage	12V/24V/48V		24V/48V		48V/96V	
	Charge current	30A(dufault)-C0~C6					
Input	Voltage	85-138VAC/170-275VAC					
	Frequency	45-65Hz					
Output	Voltage	110VAC/220VAC±5%(Inverter model)					
	Frequency	50/60HZ±1% (Inverter model)					
	Output Waveform	Pure sine wave					
	Conversion time	< 10ms (typical load)					
	Efficiency	> 85% (80% resistance load)					
	Overload	110-120%/30s;> 160%/3s;					
Protection function	Battery overvoltage protection,battery undervoltage protection,overload protection,short circuit protection, overtemperature protection,etc.						
Display	LCD+LED						
Cooling method	Air-cooled						
Operating temperature	0-40°C						
Dimensions : D x W x H	500*240*180			550*310*190			
Weight (kg)	10.5	12.5	15	17.5	20	24	25

on grid solar inverter



Product features

- The maximum efficiency is 97.1%, and the European efficiency is 96.6%
- IP65 design, outdoor installation, rain prevention, exposure
- Multi-function display, support various function Settings, no software upgrade
- Support RS485 / GPRS/WIFI, and monitor: inverter, grid and pv group

Technical parameters

Model	1000TL	1600TL	2200TL	3000TL	4200MTL	5000MTL	
DC input							
Max. DC input power (w)	1100	1750	2350	3200	4600	5400	
Max. DC voltage (v)	500				550		
Rated DC input voltage (v)	90-500	175-500	180-500	240-500	150-500	175-500	
Operating voltage range (v)	90-500				100-500		
Shutdown voltage (v)	30						
Max. DC current (A)	10		13		15		
Number of DC input channels	1			2			
MPPT tracks the number of tracks	1			2			
AC output							
Phase							
Sigle phase							
Reted output power (w)	1000	1600	2200	3000	4200	5000	
Max. output power (w)	1000	1600	2200	3000	4200	5000	
Voltage range (v)	230/180-270						
Frequency range (Hz)	50/47-53						
Max. output current (a)	5	8	11	14	21	24	
Power Factor	> 0.99						
Harmonic distortion factor	< 3%						
Work efficiency							
Max. efficiency	97.1%				98.1%		
MPPT efficiency	99.9%						
General parameters							
Installation	-20°C~+60°C						
Operating temperature	4%-100%(No condensation)						
Altitude	< 2000m						
Protection class	IP65						
Type of isolation	No transformer isolation						
Cooling method	Natural cooling						
Noise level (DB)	< 35						
Communication Interface	RS485(WIFI/GPRS Optional)						
Size (mm)	283*343*119				384*445*156		
Weight (kg)	6.5	6.5	7	8	15.5	15.5	