



Grid Tie/On Grid Inverter

ENV 1500K

Product Description

Grid Tie/On Grid Inverter

The Grid tie Inverter is the core product for on-grid power system ,which will convert the DC to AC and feed the power into the grid can provide customized inverter for your wind turbine system ,solar power system ,wind solar hybrid system ,hydro energy system etc.

The power range can be from 3kW to 2500kW .

Product Description

- Main circuit adopt USA TI company DSP chip and IGBT from Mitsubishi, driving protection is from Japan Mitsubishi chip
- SPWM pulse width modulation technology,pure sine wave output.
- Power factor approaches 1
- Inverting current close-cycle control
- Power to control and adjustable
- Wide input voltage range to adapt to the needs of different occasions
- Have a full range scheme of power protection
- Perfect self-detection and self-protection function.
- Automatic protection function when there's something wrong with the system
- Circuit frame compact, Max.Efficiency≥95%

Technical Data

ENV 1500K

Type	ENV 1500K
Max. DC Power	1500KW
Input voltage range	380Vdc-780Vdc
AC output power	1500KW
THD of AC current	3%
Power factor	>0.99
Output AC voltage	380VAC±2%
Output AC frequency	50/60Hz±1%
Automatic restart time	1 min (adjustable)
Protection	Possess the protecting function of polarity connecting contrary,short circuit, island effects ,over heat,over load,ground fault
Communication mode	RS485
Operating Temperature	-20°C ~+50°C
Altitude	6000m (More than 2000meters down the amount to be used)
Cooling Method	Forced air cooling
Noise	≤60dB
Protection level	IP 20 (Indoor)
Output Power	1000KW
Output Type	Triple
Size	960x1650x2016
Weight	1500kg
Input Voltage	240/380/440V±20%, 120V/220V/240V/380V
Output Voltage	0-520V, 220V/380V/400V
Type	DC/AC Inverters, DC/AC Inverters
Output Frequency	50Hz/60Hz, 50/60Hz
Output Current	400A
Capacity	3kW-2500kW
Output waveform	Pure Sine Wave Output
Efficiency	95%
Warranty	1 Year
Delivery Time	25 working days