

MODEL :3E ON-GRID SOLAR INVERTER 6KW

Features

- Wider voltage range, lower starting voltage and higher conversion efficiency (Max efficiency can reach to 99%).
- Smart grid adaptive to meet the requirement of various power grid access.
- Aluminum casing, natural cooling, Ip65 protection level. Capacity
- Earn money with net metering.
- Save money with lesser equipment and installation costs.
- MPPT Based technology with wall mounted system.
- More efficient and highly reliable.
- Phone expert, Info expert monitoring center.

NB. The technical specifications and parameters are only for quick reference. For installation and product purchase, kindly take technical expert guidance.

Specification

Max. DC input power (W)	7200
Max. DC input voltage (V)	900
Starting voltage(V)/Min. operation voltage(V)	220/180
MPPT Range(V)/Rated input voltage(V)	200-800/580V
Number of MPPT/String per MPPT	2/1
Max. DC current (A) Per MPPT x Number of MPPT	10X2
DC switch	Optional
Rated output power (W)	6000
Max. AC output current (A)	9.6
Grid voltage range	3/PE,230/400V,(320-460V); 3/PE,220/380V,(320-460V)
Grid frequency range	50Hz(47-51.5Hz) / 60Hz(57-61.5Hz)

Power Factor	-0.8-+0.8(adjustable)
THDi	<3%(at rated power)
AC output	3-phase (L1, L2, L3, N, PE)/(L1, L2, L3, PE)
Cooling method	Natural cooling
Max. efficiency	98.20%
Euro-efficiency	97.70%
MPPT efficiency	99.90%
Protection degree	IP65
Self-consumption (at night)	<0.5(W)
Topology	Transformer less
Operating temperature range	-25 C -+60 C (derate after 45 C)
Relative humidity	0-95%, no condensation
Protection	PV array insulation protection, PV array leakage current protection, Ground fault monitoring, Grid monitoring, Island protection, DC monitoring, Short current protection etc.
Display	2 inches LCD Display, Support Backlit Display
Communication interface	Rs485 (standard) : Wi Fi, GPRS200 (optional)
Dimension (H x W x D mm)	530 x 360 x 150
Weight (kg)	20
Installation	Wall mounting