

MODEL :3E ON-GRID SOLAR INVERTER 5KW

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)	6000
Max. DC input voltage (V)	600
Starting voltage(V)/Min. operation voltage(V)	120/100
MPPT Range(V)/Rated input voltage(V)	120-550/360V
Number of MPPT/String per MPPT	1/2
Max. DC current (A) Per MPPT x Number of MPPT	23x1
DC switch	Optional
Rated output power (W)	5000
Max. AC output current (A)	24
Grid voltage range	230/180-277V
Grid frequency range	50Hz(44-55Hz) / 60Hz(54-65Hz)

Power Factor	≥ 0.99(at rated power)
THDi	<3%(at rated power)
AC output	Single-phase (L, N, PE)
Cooling method	Natural cooling
Max. efficiency	97.80%
Euro-efficiency	96.80%
MPPT efficiency	99.90%
Protection degree	IP65
Self-consumprtion (at night)	<1(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	LCD (standard) / LED (optional)
Communication interface	Rs485 (standard) : Wi Fi, GPRS200 (optional)
Dimension (H x W x D mm)	405 x 360 x 150
Weight (kg)	≤15
Installation	Wall mounting