

EnerSolar On-Grid PV Inverter



- 10KW on-grid PV inverter
- Advanced DSP control technology delivers accurate data
- Two smart independent MPPTs to enhance overall efficiency
- Up to 98% high conversion efficiency
- Modulized design for easy maintenance
- Industrial-grade components used for robust operation
- Data log up to 15 years
- IP 65 protection for outdoor and harsh environment
- 5-year product warranty
- Free monitoring software

EnerSolar Three Phase PV Inverter Selection Guide

MODEL	EnerSolar 10KW
INPUT(DC)	
Max. DC Power	11000 W
Maximum DC Voltage	900 VDC
MPP Voltage Range	320 VDC ~ 800 VDC
Nominal DC Voltage	600 VDC
Start-up Voltage / Initial Feeding Voltage	250VDC / 250VDC
Maximum Input Current	2 x 17A / 17 A
Number of MPP Trackers / Strings per MPP Tracker	2 / A:1:B:1
OUTPUT(AC)	
AC Nominal Power	10000 W
Nominal AC Voltage	3/N/PE, 230VAC/400VAC
AC Voltage Range	-20% ~ +15%*
AC Grid Frequency	50 Hz
AC Grid Frequency Range	47.5~ 50.2 Hz
Nominal Output Current	14.5A
Power Factor @ Rated Power	> 0.99
EFFICIENCY	
Maximum Efficiency	98%
European Efficiency @ Nominal Voltage & 100% Load	97%
PROTECTION	
DC Reverse-Polarity Protection	Yes
Ground Fault Monitoring	Yes
Grid Monitoring	Yes
AC Short Circuit Protection	Yes
Over Current Protection	30 A / Phase
PHYSICAL	
Dimension,DxWxH(mm)	171.2 x 503.5 x 653.3
Net Weight (kgs)	40
INTERFACE	
Intelligent Slot	USB & RS-232 card / Option: SNMP card and Modbus card
ENVIRONMENT	
Humidity	0 ~ 100% RH (No condensing)
Operating Temperature	-25°C to 60°C
Altitude	0 ~ 1000 m**
COMPLIANCE	
Standard	CE, VDE-AR-N 4105, VDE-0126-1-1, IEC62109

*The AC Voltage Range may vary depending on different country grid standard

** Power derating 1% every 100 m when altitude is over 1000m.

Product specifications are subject to change without further notice.