Maximum Power Point Tracking
ON-GRID PV INVERTER
10KW 3Phase

- 10KW 3Phase on-grid PV inverter
- Advanced DSP control technology for accurate operation
- Smart MPPT for enhanced overall efficiency
- Up to 98% high conversion efficiency
- Modular design for easy maintenance
- Industry-grade components used for robust operation
- Data log up to 15 years
- IP 65 protection for outdoor and harsh environment
- Comprehensive LCD display for easy-reading
- 5-year product warranty
- Remote monitoring software

MODEL	10KW
PHASE	3-phase in / 3-phase out
INPUT(DC)	
Max DC Power	11,000 W
Maximum DC Voltage	900 VDC
MPP Voltage Range	320 VDC – 800 VDC
Nominal DC Voltage	600 VDC
Start-up Voltage / Initial Feeding Voltage	250 VDC / 250 VDC
Maximum Input Current	2 x 17A / 17A
Number of MPP Trackers / Strings per MPP Tracker	2 / A1;B1
OUTPUT(AC)	
AC Nominal Power	10,000 W
Maximum AC Apparent Power	10,000 VA
Nominal AC Voltage	3/N/PE, 230 VAC / 400 VAC
AC Voltage Range	-20% ~ +15%
AC Grid Frequency	50 Hz
AC Grid Frequency Range	47.5 -50.2Hz
Nominal Output Current	14.5A
Power Factor	>0.99
EFFICIENCY	
Maximum Efficiency	98.0%
European Efficiency @ Nominal Voltage & 100% Load	97.0%
PROTECTION	
DC Reverse-Polarity/Protection	Yes
Ground Fault Monitoring	Yes
Grid Monitoring	Yes
AC Short Circuit Protection	Yes
PHYSICAL	
Dimension: D x W x H (mm)	171.2 x 503.5 x 653.3
Net Weight (kg)	40
INTERFACE	
Intelligent Slot	USB Card / Optional Slot : SNMP RS232, Modbus,
ENVIRONMENT	
Humidity – Non condensing	0 ~ 100% RH
Operating Temperature	-25℃ to 60℃
Altitude	0 ~ 1000m
COMPLIANCE	
Quality	ISO9001 / 1SO14001
Standard	CE, VDE 0126-1-1. IEC62109, ENEL Guide 2009, RD 1663, G83/1-1 AS3100 / AS4777
*Power de-rates 1% every 100 m when altitude over 100	
*Product specifications are subject to change without further notice	

Remote Access Information for Solar System
A remote monitoring device is available as an OPTION which provides comprehensive information about the solar system. It keeps you informed about the operational status and yield of solar system. It also presents the data in simple and easy to read formal.

Real Time Remote Monitoring Software
SolarPower Pro is a solar-inverter monitoring software to monitor up to 247 devices via modbus interface. It also provides web browser capability in a networked environment. The major functions of SolarPower Pro monitoring software include data log for device, power generation statistics, alarm messages, fault messages and parameter setting for devices.

- Allows control and monitoring of multiple devices via LAN and INTERNET
- Automatic and real-time data acquisition of devices and secured data log saving
- Graphic display of device data for quick and easy reading
- Warning notifications or fault alarms via audible alarm, pop up screen, broadcast, mobile messenger, tray message and email
- Easy diagnoses from event statistics and amount calculation for energy saving
- Maximum data log up to 10 billion seconds
- Supports online upgrade and manually upgrade
- Supports multiple languages; English, Chinese, French, German, Spanish, Russian, Portuguese, Ukrainian, Italian, Polish

Modbus card

AS-400 card

Multiple communication cards:

SNMP card