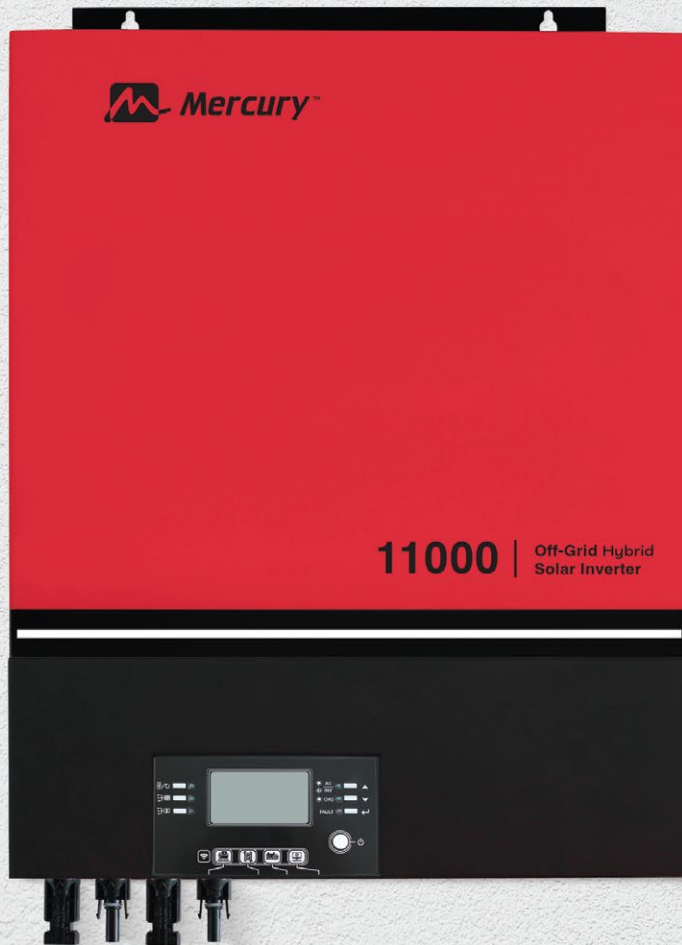


OFF-GRID HYBRID

SOLAR INVERTER

11000 PF 1.0

Hybrid Power System



FEATURES

- Dual outputs, for smart load management
- Maximum PV input current increases to 27A
- Wide PV input voltage range 90VDC~450VDC
- Status indication with RGB lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Selectable high power charging current
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on (only for 8K model)
- Parallel operation with 6 units

SPECIFICATIONS

MODEL

Rated Power	11000VA / 11000W
Parallel Capability	Yes, 6 units
MPPT Range @ Operating Voltage	90~450VDC

INPUT

Voltage	230VAC
Selectable Voltage Range	170~280 VAC (For Personal Computers); 90~280 VAC (For Home Appliances)
Frequency Range	50/ 60Hz (Auto sensing)

OUTPUT

AC Voltage Regulation (Batt. Mode)	230VAC± 5%
Surge Power	22000VA
Efficiency(Peak)	93%
Transfer Time	10ms (For Personal Computers); 20ms(For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<70W
DC Voltage	N/A

BATTERY

Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC

SOLAR CHARGER & AC CHARGER

Solar Charger Type	MPPT
Maximum PV Array Power	Maximum PV Array Power 11000W (5500WX2)
MPPT Range @ Operating Voltage	90~450VDC
Maximum PV Array Open Circuit Voltage	500VDC
Maximum Solar Charge Current	150A
Maximum AC Charge Current	150A
Maximum Charge Current	150A

PHYSICAL

Dimension(LxWxH) mm	147.4x432.5x553.6
Net Weight(kgs)	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact

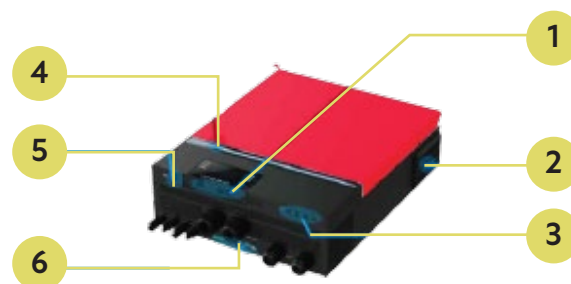
ENVIRONMENT

Humidity	5-95% Relative Humidity Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

STANDARD

Compliance Safety	CE
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1. Diverse communications - USB On-the-Go function, Dry contact and BMS communication.
2. Anti-dust filter - Increase product reliability in harsh environment.
3. DC output connectors - Connect to DC fan, LED bulb or router.
4. RGB light - Different color to present output source from PV, Grid or battery and battery charge/discharge status.
5. Communication for Remote panel.
6. Parallel connectors - Maximum 6 units in parallel (only for Max-7200).



OFF-GRID HYBRID

SOLAR INVERTER**11000** PF 1.0**Basic System Architecture**

The following illustration shows basic application of this Inverter/ Charger. It also includes following devices to have a complete running system:

- Generator or Utility
- PV Modules

Consult with your system integrator for other possible system architectures depending on your requirements.

The inverter can power all kind of appliances in home or office environment, including motor-type appliances such as Tube light, Fan, Refrigerator and Air Conditioner.

