



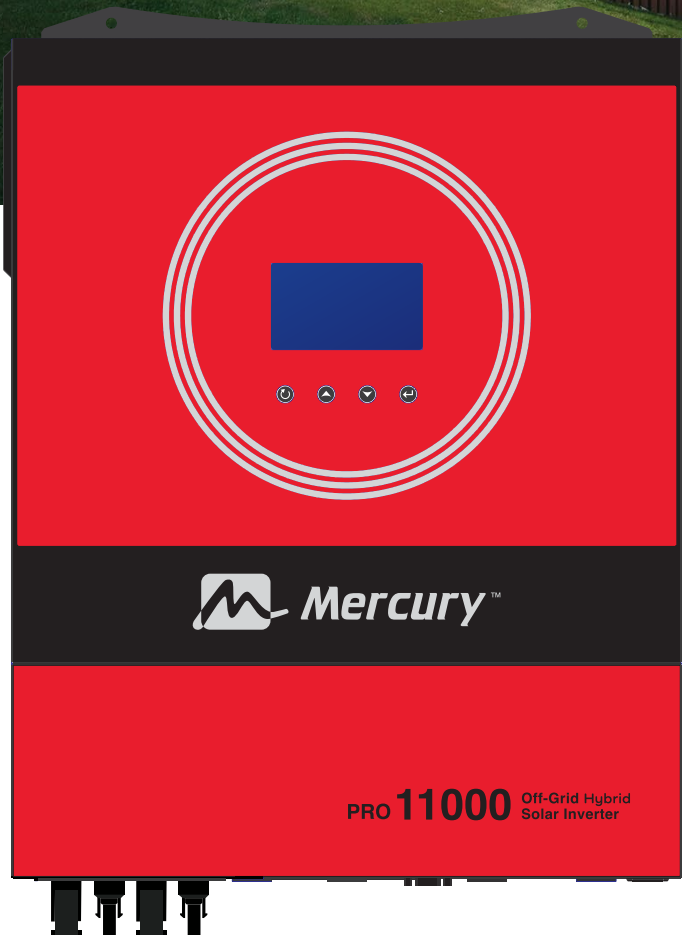
PRO

11000

Off-Grid Hybrid Solar Inverter

Solar Inverter 11KW Hybrid Power System

- Pure sine wave inverter & ECO Friendly
- Configurable input voltage range for home appliances and personal computers
- Configurable battery charging current based on applications via LCD setting.
- Built-in 150A MPPT Solar Charge Controller
- High PV Input Voltage Range(120~500VDC)
- With BMS (Smart battery management), can communicate with LiFePO4
- Compatible to mains voltage or generator power
- Work with Lithium, Lead-Acid Batteries
- Auto restart while AC is recovering
- Overload/ Over temperature/ short circuit protection
- Cold start function & ON / OFF Bypass Switch
- Built-in local WiFi, Remote WIFI Function Optional
- Touch Button on the LCD Display & RGB Light





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SPECIFICATIONS

The rated power

11000W

GRID-TIE OPERATION PV Input (DC)

Nominal DC Volt/Max DC Voltage

360VDC/450VDC

Start-up Voltage/Initial Feeding Voltage

90VDC

MPPT Voltage Range

90-450VDC

No. of MPPT Tracker/Max. Input Current

27A *2(MAX 40A,5500W*2)

GRID OUTPUT (AC)

AC Voltage Regulation (Ball. Mode)

Nominal Output Volt

Output Voltage Range

184V-265Vac or 195-253V (Selectable)

Nominal Output Current

47.8A

Power Factor

>0.9

EFFICIENCY

Max. Conversion Efficiency (DC/AC)

96%

OFF-GRID OPERATION AC Input (AC)

AC Start-up Voltage/Auto Restart Volt.

120Vac-140Vac/180Vac

Acceptable Input Voltage Range

90-280Vac or 170-280Vac

Max. AC Input Current

63A

BATTERY MODE OUTPUT (AC)

Nominal Output Volt

220Vac/230Vac/240Vac

Waveform

Pure sine wave

Efficiency(DC to AC)

93%

BATTERY & CHARGER

Battery Type Supported

Lead Acid/VRLA/AGM/Deep Cycle/Gel/Flooded/
Tubular/Lithium-Ion

Nominal Battery Voltage

48Vdc

Max Solar Charge Current

150A

Max AC Charge Current

150A

Max Total Charge Current

150A

PHYSICAL

Products Dimension,D X W X H (mm)

552 x 422 x 152

Product Net Weight / Gross weight

19.1 Kgs / 21.3 Kgs

Packing Dimension,D X W X H (mm)

696 x 567 x 243, 1PC/CTN

Parallel functions Optional

Yes, optional, MAX. 6pcs

Communication Interface

RS232, USB, WIFI

OPERATING ENVIRONMENT

Humidity

5% to 95% Relative Humidity(Non-condensing)

Operating / Storage Temperature

-10°C - 50°C / -15°C to 60°C

PRO**11000****Off-Grid Hybrid
Solar Inverter****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.

