

## Hybrid Solar Powered Inverter DC 24V / 48V / 96V / 120V / 220V / 380V

### Basic Information



### Product Specification

- Communication: RS485/WIFI/GPRS/Ethernet/Bluetooth
- Max. Input Current: 20A/40A
- Efficiency:  $\geq 95\%$
- Input Voltage: DC 24V/48V/96V/120V/220V/380V
- Protection: Overload, Short Circuit, Over Temperature, Reverse Polarity
- Warranty: 2 Years
- MPPT Voltage Range: DC 150V-450V
- Product Name: Solar Hybrid Inverter
- Highlight: **Solar Powered Inverter 24V,  
Solar Powered Inverter 48V,  
Hybrid Solar Inverter 120V**

## Product Description

### Solar Powered Inverter DC 150V-450V Input Voltage DC 24V/48V/96V/120V/220V/380V

#### Product Description:

Solar Hybrid Inverter is a revolutionary battery-solar hybrid inverter, a high-reliability, grid-tied solar inverter which is integrated with a battery charger and can be used for both grid-tied and off-grid solar systems. This hybrid solar and battery inverter is designed with a wide range of input voltage from DC 24V/48V/96V/120V/220V/380V and high efficiency of up to  $\geq 95\%$ . The max output current is 20A/40A and the output power can be up to 1000W-100KW, with adjustable output voltage AC 220V/380V. The advanced MPPT control technology and maximum power point tracking algorithm make it highly efficient and reliable, and will maximize the return on your solar system investment.

#### Features:

Product Name: Solar Hybrid Inverter

Warranty: 2 Years

Output Voltage: AC 220V/380V

Max. Input Current: 20A/40A

Output Power: 1000W-100KW

Input Voltage: DC 24V/48V/96V/120V/220V/380V

Special Feature: Hybrid Electric Inverter, Solar Powered Inverter, Grid-Tied Solar Inverter

#### Technical Parameters:

Product Name	Solar Hybrid Inverter
Input Voltage(DC)	24V/48V/96V/120V/220V/380V
Input Frequency	45-65Hz
MPPT Voltage Range	DC 150V-450V
Output Voltage(AC)	220V/380V
Output Frequency	50/60Hz
Output Power	1000W-100KW
Max. Output Current	20A/40A
Efficiency	$\geq 95\%$
Warranty	2 Years

#### Applications:

Solar Hybrid Inverter: Powering Your Home

Solar Hybrid Inverters are energy-saving solutions that offer reliable, efficient, and cost-effective power generation. With an Output Power ranging from 1000W to 100KW and an Efficiency rate of  $\geq 95\%$ , these hybrid inverters offer the perfect solution for powering your home. Solar Hybrid Inverters come with comprehensive protection features such as Overload, Short Circuit, Over Temperature, and Reverse Polarity protection. With a 2-year warranty, you can rest assured that you will be provided with a long-term, reliable power solution. By combining the power of solar energy and batteries, Solar Hybrid Inverters offer Output Voltage of AC 220V/380V and make a great choice for your home. Whether you want to reduce your carbon footprint or simply save on electricity bills, these Hybrid Solar and Battery Inverters, also known as Battery-Solar Hybrid Inverters or Hybrid Power Inverters, offer a perfect solution.

#### Support and Services:

Solar Hybrid Inverter Technical Support and Service

We offer technical support and service for Solar Hybrid Inverter products, including system installation, maintenance and troubleshooting. Our team of experienced technicians are available to assist you with any questions and to provide advice on the best way to integrate the system into your home or business.

We provide maintenance services to ensure that your system is running smoothly and efficiently. We also offer repair and replacement services should something go wrong with your system. All of our services are backed by a warranty for added peace of mind.

If you ever have any questions or concerns about your Solar Hybrid Inverter system, please don't hesitate to contact us. We are here to help you maximize the performance of your system and to ensure that you get the most out of your investment.

## Packing and Shipping:

### Packaging and Shipping

Our Solar Hybrid Inverter is carefully packaged and shipped to ensure that it arrives safely and in perfect condition. The package includes the inverter, user manual, power cable, mounting screws, and a warranty card.

We use a custom-made box with reinforced sides to ensure the inverter is well-protected during transit. Inside the box, we use a layer of bubble wrap and foam to further cushion the inverter. We also seal the box with strong adhesive tape to prevent any moisture or dust from entering the package.

Our shipping process is designed to ensure that the package arrives at its destination safely and on time. We use courier services to ensure fast delivery and also provide tracking information to our customers so they can monitor the progress of their shipment.

## FAQ:

Q:What is a Solar Hybrid Inverter?

A:A Solar Hybrid Inverter is an electronic device which converts the direct current (DC) power from a photovoltaic solar panel into alternating current (AC) power that can be used for household appliances.

Q:What are the advantages of a Solar Hybrid Inverter?

A:A Solar Hybrid Inverter offers a number of advantages including high efficiency, safety, reliability, and cost savings.

Q:What type of solar panels can be used with a Solar Hybrid Inverter?

A:Most Solar Hybrid Inverters are compatible with both monocrystalline and polycrystalline solar panels.

Q:How long is the warranty for a Solar Hybrid Inverter?

A:The warranty period for Solar Hybrid Inverters may vary depending on the manufacturer, but most offer a warranty of at least 5 years.

Q:What is the maximum power output of a Solar Hybrid Inverter?

A:The maximum power output of a Solar Hybrid Inverter is usually up to 10kW.

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