



5.5kw Solar Inverter

This 5.5kw Solar Inverter with 100a mppt solar charger with WIFI monitor. The 48v 5.5kw mppt hybrid inverter can work with or without battery. Solar & AC hybrid charging to ensure uninterrupted power supply demand. This mppt solar hybrid inverter is currently the most popular hybrid inverter on the market, it is suitable for households all over the world.

5.5kw Solar Inverter

Welcome to wholesale and buy customized 5.5kw Solar Inverter from our factory. You are welcomed to come to our factory to buy the latest selling, newest, cheap, fashion and high quality 5.5kw Solar Inverter. You can rest assured to buy discount product from us. We look forward to cooperating with you, if you want to know more, you can consult us now, we will reply to you in time!



High frequency 48v dc 220v ac hybrid 5.5kw solar inverter

1.Product Introduction

This series solar hybrid inverter with 100a mppt solar charger with WIFI monitor. The 48v Foshan Sunrise Energy Technology Co., Ltd.

Address:Guangfo Intelligent Park, Dali St. Nanhai District, Foshan City, Guangdong Province, China
Tel:+86-13516583501

E-mail:william@srsolarpower.com



www.srsolarpower.com

5.5kw mppt hybrid inverter can work with or without battery. Solar & AC hybrid charging to ensure uninterrupted power supply demand. This mppt solar hybrid inverter is currently the most popular hybrid inverter on the market, it is suitable for households all over the world.

2.Product Parameter (Specification)

Model	HY5532VM II
RATED POWER	5500VA / 5500W
INPUT	
Voltage	220V/230V/240VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers); 90-280 VAC (For Home Appliance)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	220V/230V/240VAC \pm 5%
Surge Power	10000VA
Efficiency (Peak)	90%~93%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform	Pure sine wave inverter
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER& AC CHARGER	
Max. PV Array Open Circuit Voltage	500VDC
Max. PV Array Power	6000 W
MPP Range @operating Voltage	120~450VDC
Max. Solar Charge Current	100A
Max. AC Charge Current	60A
Max. Charge Current	100A
PHYSICAL	
Dimension, D x W x H (mm)	100 x 300x 440
Net Weight(kgs)	10
Communication Interface	USB/RS232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10° C to 50° C
Storage Temperature	-15° C to 60° C

Foshan Sunrise Energy Technology Co., Ltd.

Address:Guangfo Intelligent Park, Dali St. Nanhai District, Foshan City, Guangdong Province, China

Tel:+86-13516583501

E-mail:william@srsolarpower.com

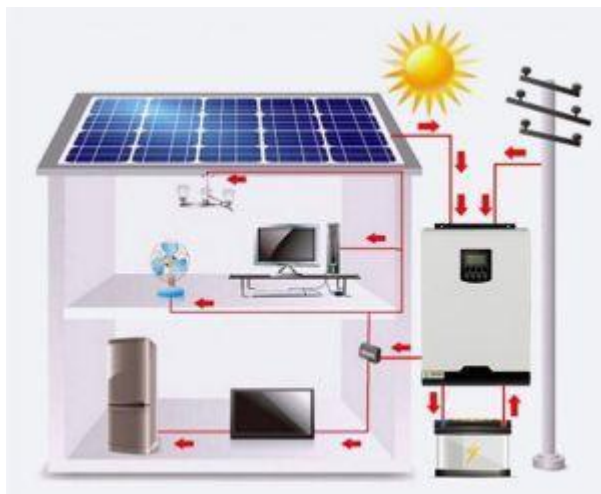
3.Product Feature and Application

Main Features:

- * 5.5kw solar inverter with mppt charge controller
- * Hybrid inverter 48v DC voltage
- * Built-in 60A AC Charger
- * Built-in 100A MPPT solar charge controller
- * PV range 120VDC~450VDC
- * Max PV Voltage 500vdc inverter
- * AC voltage: 240v 220v 230v hybrid inverter
- * Solar inverter without battery (can work with or without battery)
- * USB/RS232/WIFI monitor function
- * Surges to 2X continuous power for 5 seconds for motor loads
- * Overload and short circuit protection
- * Selectable charging current based on applications
- * Configurable AC/Solar input priority via LCD setting
- * Compatible to mains voltage or generator power
- * Smart battery charger design for optimized battery performance
- * Selectable input voltage(90V~280V) range for home appliances and personal computers

Application:

- 1.It is off grid hybrid inverter for home system.



- 2.inverter mppt solar practical application case

Foshan Sunrise Energy Technology Co., Ltd.

Address:Guangfo Intelligent Park, Dali St. Nanhai District, Foshan City, Guangdong Province, China

Tel:+86-13516583501

E-mail:william@srsolarpower.com



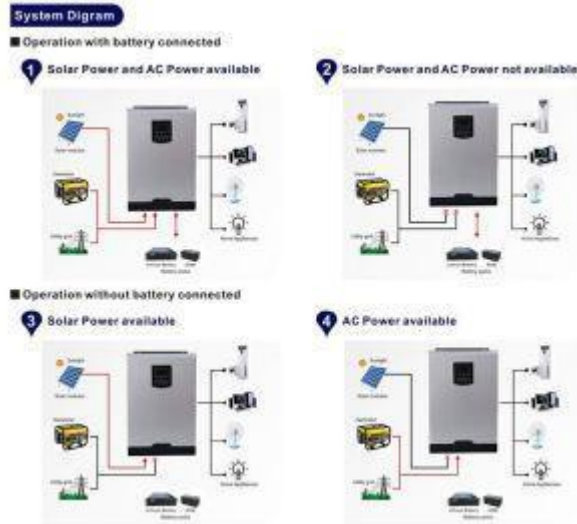
Foshan Sunrise Energy Technology Co., Ltd.

Address:Guangfo Intelligent Park, Dali St. Nanhai District, Foshan City, Guangdong Province, China

Tel:+86-13516583501

E-mail:william@srsolarpower.com

3.this mppt solar inverter 48v can work without battery or with battery



4.Product Details

This series hybrid solar inverter 5.5kw is all in one inverter, it is 48v mppt solar inverter, and it is solar & AC charger hybrid inverter. Its comprehensive LCD display offers user-configurable and easy-accessible button operation such as battery charging current, AC/solar charger priority, and acceptable input voltage based on different appliances.



Foshan Sunrise Energy Technology Co., Ltd.

Address:Guangfo Intelligent Park, Dali St. Nanhai District, Foshan City, Guangdong Province, China

Tel:+86-13516583501

E-mail:william@srsolarpower.com



5.Additional monitoring function

This solar inverter hybrid has wifi monitor function.

Tips: If you want this wifi function for your 5.5kw 48v hybrid inverter, please feel free to contact us.





www.srsolarpower.com

Wi-Fi on line monitoring plug

Wi-Fi pluggable data logger can support Wi-Fi, GPRS, 4G modes, through DBS aviation head, RJ-45 and other terminal connection modes. Perfect compatibility with all brands of inverter, energy storage machine and other equipment. Support remote control, debugging, upgrading and other functions, and provide users with remote, low-cost, visual, remote operation monitoring scheme.



Plug and play, no wiring required

Energy storage industry application

Energy storage monitoring platform is a monitoring and management system for energy storage machine. The data of energy storage equipment is collected in all directions, analyzed with big data and processed with cloud platform technology. It can provide guidance for peak shaving, peak load regulation, frequency modulation and voltage regulation, so as to effectively smooth the power output and reduce the impact on the grid output as planned.

Real time monitoring, fault diagnosis, mobile payment, intelligent calculation, alarm reporting, peak cutting and valley filling.

6.Product Qualification

Rich production experience & strict quality control. Before leaving the factory, each hybrid solar inverter has undergone strict inspections.



7.Deliver,Shipping And Serving

Hybrid off grid solar inverter standard export packaging, suitable for various transportation channels. For the hot-selling series of solar hybrid inverters, we have a large inventory and can supply them to you immediately.

Foshan Sunrise Energy Technology Co., Ltd.
Address:Guangfo Intelligent Park, Dali St. Nanhai District, Foshan City, Guangdong Province, China
Tel:+86-13516583501
E-mail:william@srsolarpower.com



8.FAQ

Q: What's the delivery time of this off grid hybrid inverter?

A: some in stock; 10 to 25 days for bulk order.

Q: Is this inverter with internal mppt solar charger?

A: yes, this hybrid inverter with 100a mppt

Q: What is the voltage of this 5.5kw inverter?

A: it is a 48v 5.5kw mppt hybrid inverter

Normally single phase 220V 230V 240V 50/60Hz

Q: What's the payment term of this 5.5kw inverter?

A: T/T, Western Union, Paypal, L/C.

Q: Is this a hybrid inverter?

A: Yes, it is mppt hybrid inverter.

Q: What is the warranty of hybrid inverter?

A: One year warranty.

Q: Is this an off grid inverter?

A: yes, it is solar off grid inverter

Q: How to solve the technical problem of these solar hybrid inverters?

Foshan Sunrise Energy Technology Co., Ltd.

Address:Guangfo Intelligent Park, Dali St. Nanhai District, Foshan City, Guangdong Province, China

Tel:+86-13516583501

E-mail:william@srsolarpower.com



www.srsolarpower.com

A: 24 hours after-service consultancy just for you and to make your problem to solve easily.

Foshan Sunrise Energy Technology Co., Ltd.

Address:Guangfo Intelligent Park, Dali St. Nanhai District, Foshan City, Guangdong Province, China

Tel:+86-13516583501

E-mail:william@srsolarpower.com