

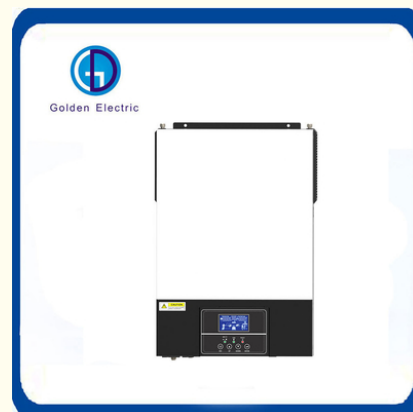


## Full-Bridge Type Hybrid Solar Inverter 3500W 5500W Pure Sine Wave with MPPT Controller

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Golden Electric /OEM
- Certification: ISO 9001, ISO 9000, ISO 14001, ISO 14000, ISO 20000, OHSAS/ OHSMS 18001, IATF16949
- Minimum Order Quantity: 1
- Packaging Details: Carton/Pallet
- Delivery Time: Peak Season Lead Time: more than 12 months  
Off Season Lead Time: within 15 workdays
- Payment Terms: LC, T/T, PayPal, Western Union
- Supply Ability: 5000/Month

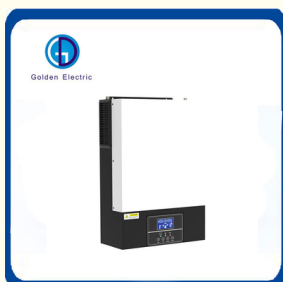


### Product Specification

- Model NO.: MPS-VII
- Nature Of Wave String: Sine Wave Inverter
- Type: DC/AC Inverters
- Battery Voltage: 24/48VDC
- Gross Weight: 11-12kg
- Model: Mps-VII 3.5kw/5.5kw
- Solar Charge Controller: MPPT Controller
- Product Specification: Off-Grid Solar System
- AC Input Voltage: 220VAC /230VAC
- Super Charger: AC Charger 80A ,MPPT Charger 100A
- WiFi Monitor: Available (Optional)
- Name: Solar Power Inverter
- Brand: Golden/OEM
- Protection: Overload,Over Voltage,Short Curcuit For Inverter



### More Images



for more products please visit us on [chinagoldene.com](http://chinagoldene.com)

## Product Description

### Product Description

The MPS-V II series hybrid solar inverter adopts advanced peak power point tracking technology, which can quickly track the peak power point of the photovoltaic array in any environment with extremely high tracking efficiency and conversion efficiency. The AC-DC charging unit adopts fully digital voltage and current double closed-loop control, with extremely high response speed and stability; the DC-AC inverter unit adopts fully digital intelligent design and input and output isolated inverter technology, with extremely high Stability and impact resistance.

This product has multiple power supply modes of mains and solar energy. Users can flexibly choose the application form of energy according to their needs, ensuring the power supply guarantee rate and using clean energy at peak value. It is suitable for areas with lack of power and poor stability in the power grid, as well as diesel fuel, Gasoline generators instead of grid power supply and occasions with solar energy resources.

### Product Features



1. Pure Sine Wave Solar Inverter
2. The output power factor is 1
3. Wi-Fi and GPRS available for IOS and Android
4. Built-in 100A MPPT solar charger
5. High PV input voltage range (120~500VDC)
6. Smart LCD Display
7. Beautiful appearance design, reasonable structure
8. Small standby loss, high inverter efficiency, energy saving and environmental protection
9. Fully industrial-grade design, adaptable to a wider working environment
10. Fast dynamic response
11. Intelligent fan, efficient heat dissipation, prolong system life
12. With multiple protection functions, 360° all-round protection
13. Smart battery charging design to optimize battery life
14. Detachable LCD

### Protections:

Reverse polarity protection, impact protection, over temperature protection, low voltage protection, overload protection, short circuit protection, over current protection, high voltage protection.

### Product Parameters

MODEL	MPS-V II-3500W	MPS-V II-5500W
Rated Power	3500VA/3500W	5500VA/5500W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC (for personal computers) 90-280VAC (for home appliances)	
Frequency Range	50Hz/60Hz (Autosensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC±5%	
Surge power.	7000VA	11000VA
Efficiency (Peak) PV to INV	97%	
Efficiency (Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum charge current	80A	80A
SOLAR CHARGER		
MAX. PV Array Power	5000W	5000W
MPPT Range@ Operating Voltage	120-450VDC	

Maximum PV Array Open Circuit Voltage	500VDC
Maximum Charging Current	100A
Maximum Efficiency	98%

#### PHYSICAL

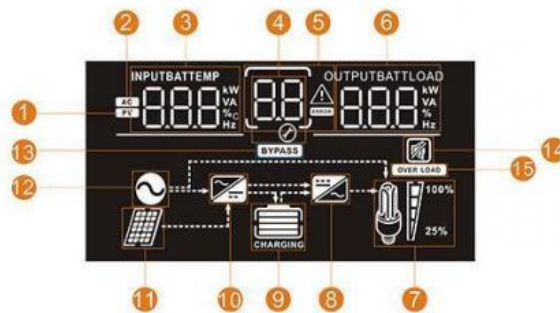
Dimension. D*W*H(mm)	440*300*100
Net Weight (kg)	11kg 12kg
Communication Interface	REMOTE LCD/RS232(Standard) GPRS/WIFI(Optional)

#### OPERATING ENVIRONMENT

Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 60°C

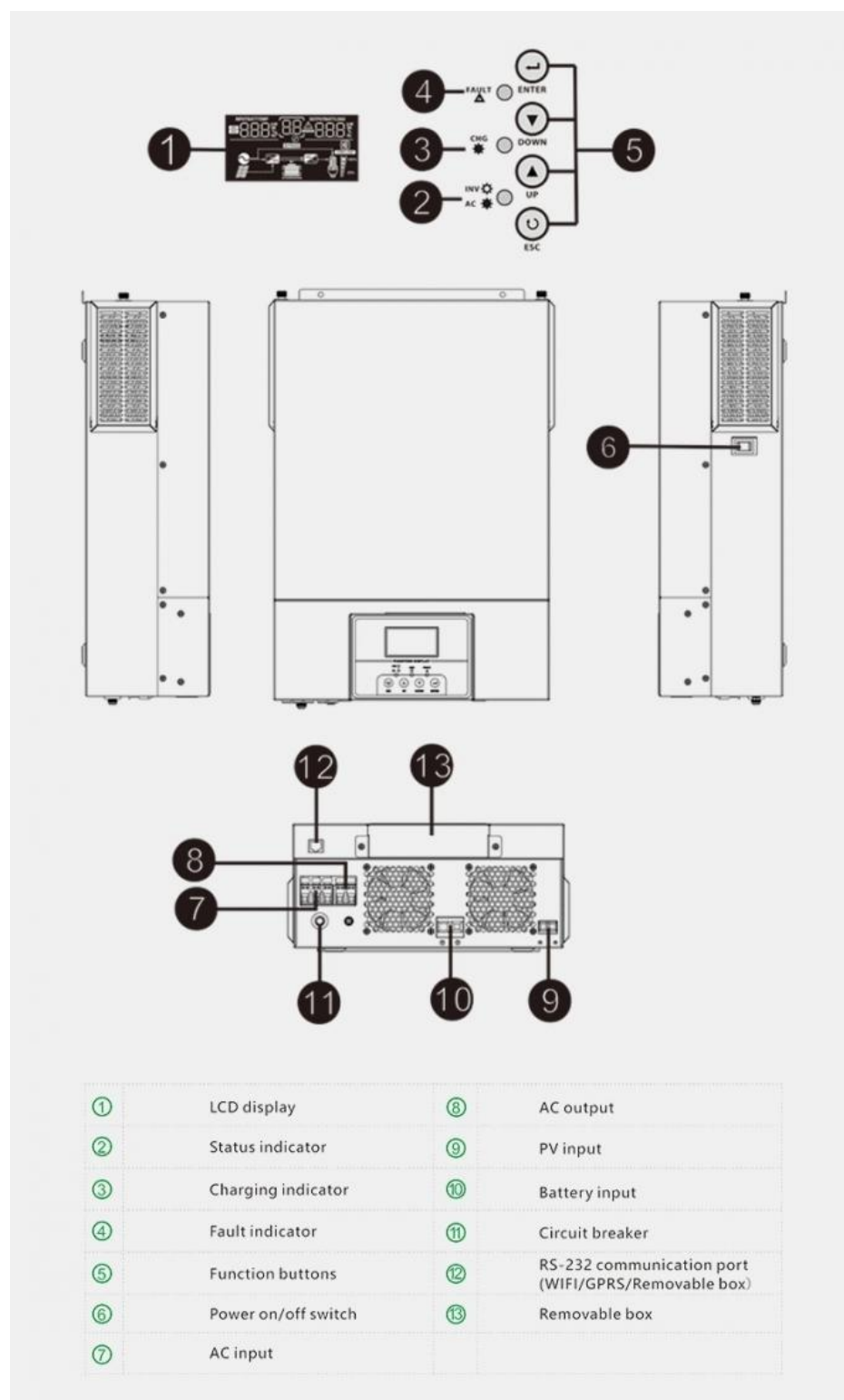
#### Product Details

#### LCD Display



1		PV input	9		Battery level
2		AC input	10		Utility charger circuit is working
3	INPUTBATTEMP 888 kW VA Hz	Input voltage, input frequency PV voltage, battery voltage, charger current	11		Unit connects to the PV panel
4	88 %	Setting programs	12		Unit connects to the mains
5		88: Flashing with warning code 88: Lighting with fault code	13	BYPASS	Load is supplied by utility power
6	OUTPUTBATLOAD 888 kW VA Hz	Output voltage, output frequency, load percent, load in VA, load in watt and discharging current	14		Unit alarm is disabled
7		Load level	15	OVER LOAD	Overload
8		DC/AC inverter circuit is working			

#### Overview



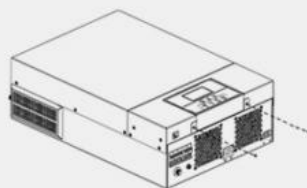
## Remove LCD

# REMOVE LCD

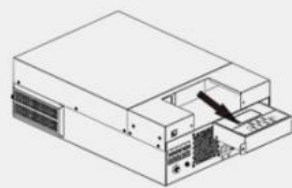
## REMOTE DISPLAY PANEL INSTALLATION



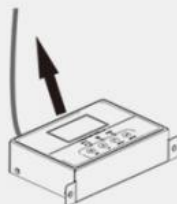
**Step 1.** Loosen the screw on the bottom of LCD panel and push down the panel from the bottom case. Then, pull out the cable from the remote communication port. Lock the dust cover to the machine.



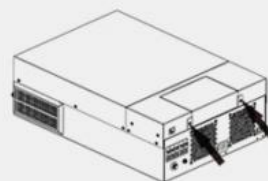
① Remove Screw



② Push Removable Box

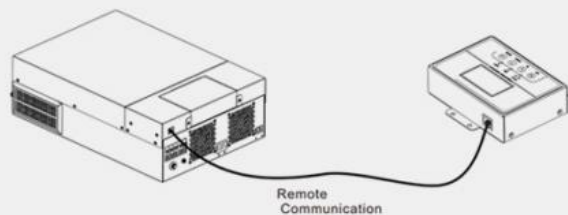


③ Pull Cable



④ Lock Dust Cover

**Step 2.** Connect LCD panel to the inverter with an optional RJ45 communication cable as below chart.

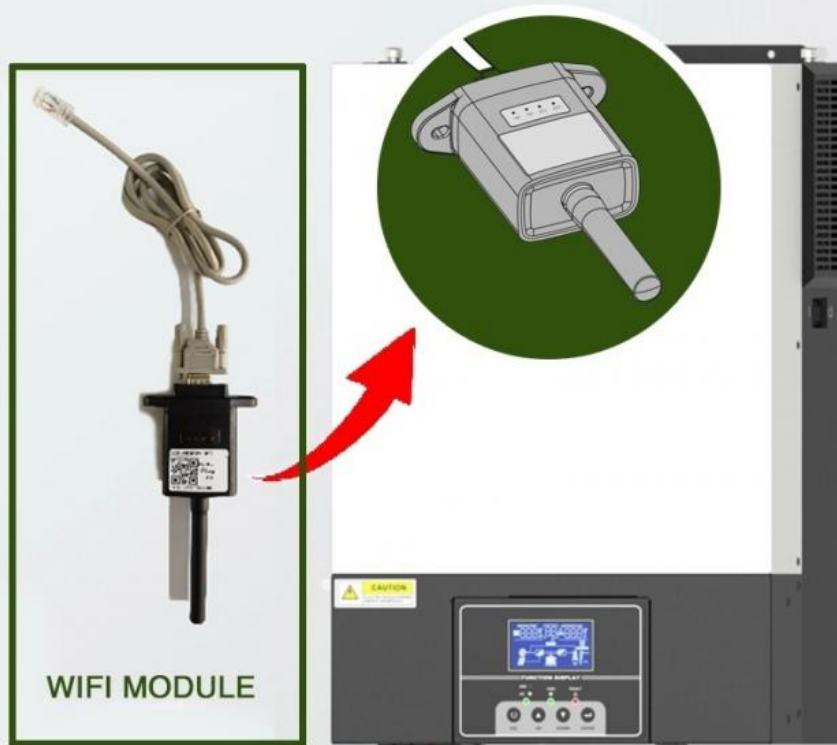


Remote communication cable type(Optional): ① 5m ② 10m ③ 20m



# WIFI&GPRS

WIFI&GPRS AVAILABLE FOR IOS AND ANDROID



SmartESS(iOS)



SmartESS(Android)

DOWNLOAD APP

## CONNECT WIFI DATALOGGER

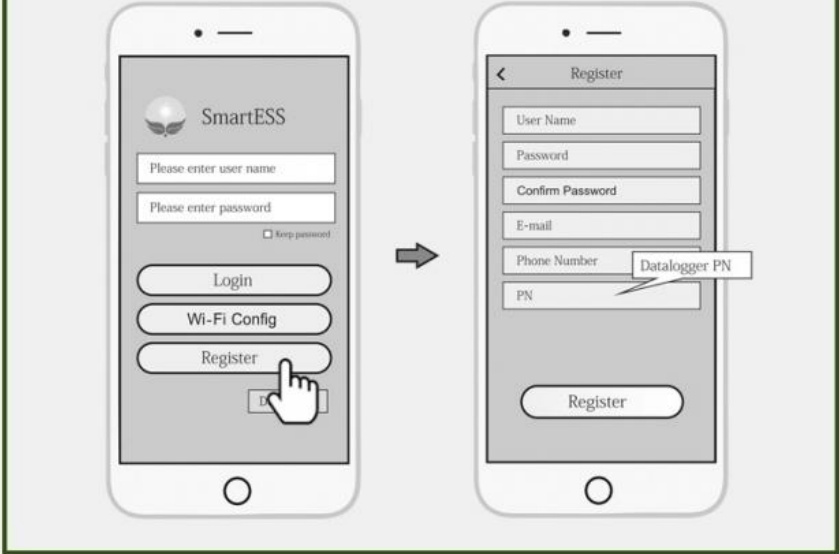




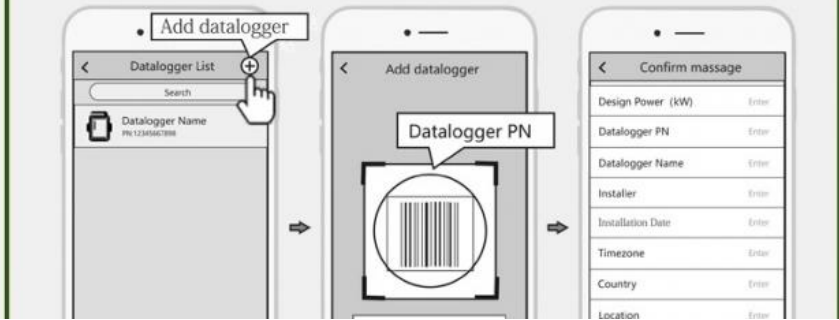
### NETWORK SETTING



### CREATE ACCOUNT



### ADD DATALOGGER





## Recommend Product

### Hot Selling



**MPS 1K**



**MPS-V II**



**MPS-V Plus**



**MPS-V**

### Hot Selling



**PS 1K/3K/5K**



**RP 1K**



**RP 3K(low cost)**



**RP 3K/8K**

## FAQ

### 1)Q:How can i trust your company?

A:Golden electric is The top 10 manufacturer in China - more than 350 Agents in local market and more than 100 foreign clients make OEM,ODM order from us,Golden electric is a big company, we have cooperation with LS, EKF the world-class companies. Our company over 100 employees, products pass CE,IEC,TUV,SAA, RCM, ROHS certificates.

### 2) Q:Your products?

A: Golden electric is factory for Automatic transfer switch, Surge protector device, distribution box Enclosure, inverter, DC fuse etc. Providing customers very competitive sources, and can be your sourcing agent in China. Goods are following international standards, IE, CE, ISO9001 ,SGS etc.

### 3) Q: Do you have forwarder?

A: Yes, we have good forwarder cooperated over 10 years, they help us import and export . For small package orders, suggest to use by Express.

### 4) Q: Your address ?

A: Locates in Guangzhou province, China,welcome to visit us

### 5) Q:What's about MOQ? Delivery time ?

A: 1pcs for inverter. Normally less than 100PCS with stock, quick support.

### 6) Q: What's the payment term?

A: Normally 100% T/T in advanced payment. If big order then about 50% advanced payment, balance before shipment.PAYPAL,WESTERN UNION,CASH for small order .

### 7) Q:What's your contact information ?

**Send us your inquiry !we will reply you in 24 hours !**



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