



DC Sine Wave Inverter 1kw Full Bridge Easy Operation For Solar Power System

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.: RP Series
- Nature Of Wave String: Sine Wave Inverter
- Type: DC/AC Inverters
- Battery Voltage: 12V/24V/48/96VDC
- Gross Weight: 12-72kg
- Model: 1K/2K/3K/4K/5K/6K/8K/10K/12K
- Product Specification: Off-Grid Solar System
- AC Input Voltage: 100VAC/110VAC/120VAC/220VAC /230VAC/240VAC
- Inverter Type: Transformer Based ,Low Frequency Inverter
- Name: Solar Power Inverter
- Brand: Golden/OEM
- Protection: Overload,Over Voltage,Short Circuit For Inverter
- Frequency: 50/60Hz Auto Sensing
- Application: Solar Power System



More Images



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Product Description

Product Description

RP series is a pure sine wave power frequency inverter that converts direct current into alternating current. All-digital intelligent design, output pure sine wave, suitable for AC loads such as household appliances, power tools, industrial equipment, electronic audio and video.

Product Features



1. Pure sine wave **inverter**
2. Output power factor 1
3. Selectable high power charging current
4. Selectable input voltage range for home appliances and personal computers
5. Configurable AC/battery input priority via LCD setting
6. Compatible with generator power
7. Auto restart while AC is recovering
8. Overload and short circuit protection
9. Smart battery charger design for optimized battery performance
10. Cold start function
11. Color LCD display
12. Supports the use lithium batteries
13. Wave by wave phase detection, more stable and reliable
14. RS232 communicate port and Remote control panel optional

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	RP 4000		RP 5000		RP6000	
Rated Power	4000VA/4000W		5000VA/5000W		6000VA/6000W	
INPUT						
Voltage	100/110/120VAC;220/230/240VAC					
Selectable Voltage Range	Wide Range :75VAC~138VAC;155VAC~275VAC (for home appliances) Narrow Range :82VAC~138VAC ;165VAC~275VAC (for personal computer)					
Frequency	40-70Hz (50Hz/60Hz)					
OUTPUT						
AC Voltage Regulation (Batt Mode)	100/110/120VAC (±5V);220/230/240VAC (±10V)					
Surge Power	12000VA		15000VA		18000VA	
Efficiency (Peak)	91%					
Transfer Time	<10ms					
Wave form	Pure sine wave					
BATTERY						
Battery Voltage	24V	48V	24V	48V	24V	48V
Charge Current	70A	35A	75A	45A	75A	50A
Fast Charge Voltage	28.6VDC	57.2VDC	28.6VDC	57.2VDC	28.6VDC	57.2VDC
Float Charge Voltage	27.4VDC	54.8VDC	27.4VDC	54.8VDC	27.4VDC	54.8VDC
Battery Low Voltage Alarm	33.0VDC	66.0VDC	33.0VDC	66.0VDC	33.0VDC	66.0VDC
Over Voltage Protect	21.0VDC	42.0VDC	21.0VDC	42.0VDC	21.0VDC	42.0VDC
Battery Low Voltage Shutdown	20.0VDC	40.0VDC	20.0VDC	40.0VDC	20.0VDC	40.0VDC
Protection	over charging,over temp,over battery voltage,over load,short-circuit					

Operating
Environment
Temperature

55°C

Cooling
Display

Intelligent Fan
LCD

Specification Setting

By LCD or position machine Charging current, battery type, input voltage, output frequency, wide and narrow of AC input voltage, power-saver model, AC priority or battery priority

PHYSICAL

Dimension,
(D*W*H)mm

574*345*197

Net Weight (kg)

34.4/33.8

37.9/38.2

41.6/40.5

ENVIROMENT

Humidity

5~95% Relative humidity (No-condensing)

Operating

-10°C~50°C

Temperature

Storage

-10°C~60°C

Temperature

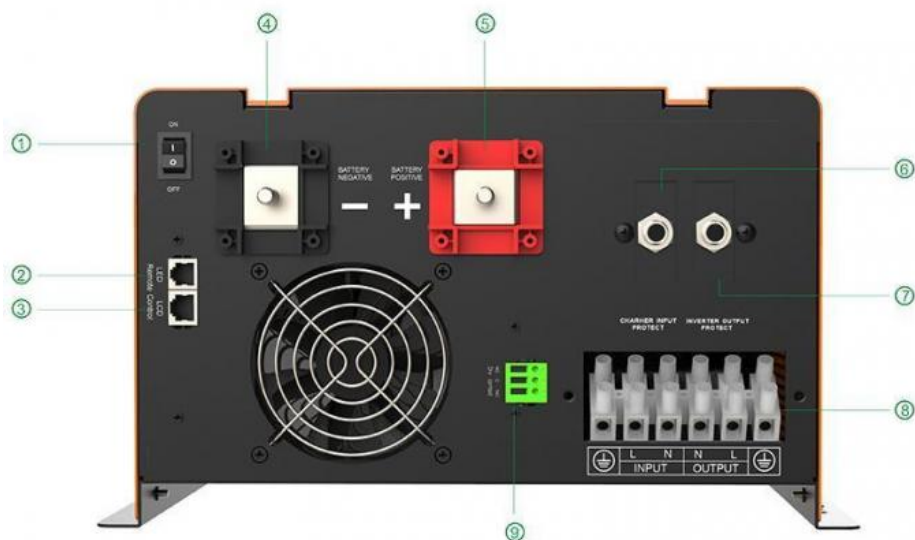
Product Details

LCD Display



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

Overview



①	On/Off	⑤	Battery positive
②	LED remote control	⑥	Charger input protect
③	LCD remote control	⑦	Inverter output protect
④	Battery negative	⑧	Input/Output
		⑨	Dry contact

Connection



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

Company Profile

- Golden Electric Co.,Ltd ,was founded in 2007, we are professional for make AC and DC electric items such as cable gland,Solar Inverter, MC4 Connector, isolator switch , fuse , breaker , distribution box , PV combiner box ,surge protector, Indicator lamp,Solar Charge Controller,Industrial plug and socket,Wind Turbine, Solar product and so on.

- Golden has been granted ISO9001 management system certifications. The comprehensive product line has more than 1000 models which have been approved by TUV,CE,CQC,SGS,ROHS,SASO. The productsells well to UK, Spain, Portugal, Singapore, Turkey, Russia, Korea, South Africa... more than 60 countries and regions.

- Golden is always striving hard to provide the best services and competitive price to all customers.

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 swithc,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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