



Off Grid And Grid Tied Operations With Built In WiFi Hybrid Inverters

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CX
- Certification: CE
- Model Number: CXSY15
- Minimum Order Quantity: 100 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Rated Power: 1000W / 1500W
- MPPT Range @ Operating Voltage: 20-150VDC
- Maximum Efficiency: 98%
- Battery Voltage: 12VDC / 24VDC
- Surge Power: 4000VA / 6400VA
- Maximum PV Array Power: 600W / 1200W
- Highlight: **Off Grid Hybrid Inverters,
Grid Tied Hybrid Inverters,
1000W grid tie inverter hybrid**

Product Description

Hybrid Inverters for Off-Grid and Grid-Tied Operations with Built-In WiFi

Features

- Pure sine wave solar inverter
- Output power factor 1.0
- WIFI&GPRS available for iOS and Android
- Built-in 40A MPPT Solar charge
- High PV input voltage range 20~150VDC(for 1000W), 30~150VDC(for 1500W)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Meet the rich customize needs of customers
- Compatibe with lithium battery
- Solar enerny is provided directly to the load first



**Max.Efficiency
98%**



**IP21
Ingress Protection**



80A MPPT



R232/GPRS/WiFi

Product Description

This high-efficiency Pure Sine Wave Solar Inverter provides seamless integration for solar energy systems, offering a maximum efficiency of 98%. Equipped with built-in MPPT technology, it ensures optimal solar power conversion and battery charging. The inverter supports both off-grid and grid-tied operations, with dual output capabilities for increased flexibility. It is compatible with lithium batteries and is designed to operate without a battery if necessary. The integrated smart battery charging system optimizes battery life, while the anti-dust kit ensures the inverter performs well even in harsh environments. Additionally, this product comes with built-in WiFi and GPRS compatibility for easy monitoring and control via mobile applications on iOS and Android.

MODEL SY-1.0K12 SY-1.5K24		
Rated Power	1000W/1000VA	1500W/1500VA
ACINPUT		
Voltage	230VAC	
Selectable VoltageRange	170~280VAC(For PersonalComputers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50Hz/60Hz(Auto sensing)	
ACOutput		
AC VoltageRegulation	230VAC±5%	
SurgePower	4000VA	6400VA
Efficiency(Peak)PVto INV	98%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10ms(For Personal Computers);,20ms(For Home Appliances)	
BATTERY &AC CHARGER		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
SOLAR CHARGER &ACCHARGER		

Solar Charge Type	MPPT	
Maximum PVArray Power	600W	1200W
MPPT Range @Operating Voltage	20-150VDC	30-150VDC
MaximumPVArray OpenCircuit Voltage	150VDC	
Maximum Solar Charging Current	40A	

Maximum AC Charging Current	40A	
Maximum Charging Current(Solar+AC)	80A	
PHYSICAL		
Dimension,D×W×H(mm)	290*240*91	
Carton Dimension,D×W×H(mm)	340*275*145	
Net Weight(kgs)	3	3.5
GrossWeight(kgs)	3.5	4
ENVIRONMENT		
Humidity	5%to 95%Relative Humidity(Non~condensing)	
Operating Temperature	-10°C~50°C	
STANDARD		
ComplianceSatety	CE	

Application

This inverter is ideal for residential and commercial applications where reliability and performance are critical. It is perfect for use in areas with unstable grid power, offering smooth transition and energy independence. The device's flexibility to operate both with and without batteries makes it suitable for a wide range of installation scenarios, from remote locations to urban areas. It is also an excellent option for users seeking to reduce their dependence on grid power and maximize the use of solar energy.

Shipping Methods

Supports global air and sea shipping.



RICHGOOD ENERGY CO.,LTD



willa@fuhaosolar.com



fuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou