



## On Grid Off Grid 48V Hybrid MPPT Solar Inverter 120V / 240V 8KW 10KW With Wifi

Our Product Introduction

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

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Model Number: SPI-8K-U/SPI-10K-U
- Minimum Order Quantity: 2 sets
- Price: \$993.00/sets 2-9 sets



### Product Specification

- System Energy: 8KW, 10KW
- Size: 620\*435\*130mm
- Type: DC/AC Inverters
- Inverter Efficiency: 99.9%
- Certificate: CE/IEC
- Warranty: 2 Years
- Weight: 20kg/21kg
- Rated Battery Voltage: 48V
- Rated Output Voltage: 120/240Vac (L1/L2/N/PE Split Phase)
- Rated Output Power: 8000W/10000W
- Rated AC Frequency: 50/60Hz
- Waveform: Pure Sine Wave
- Max PV Open Circuit Voltage: 500Vdc
- Max PV Charging Current: 200A



### More Images



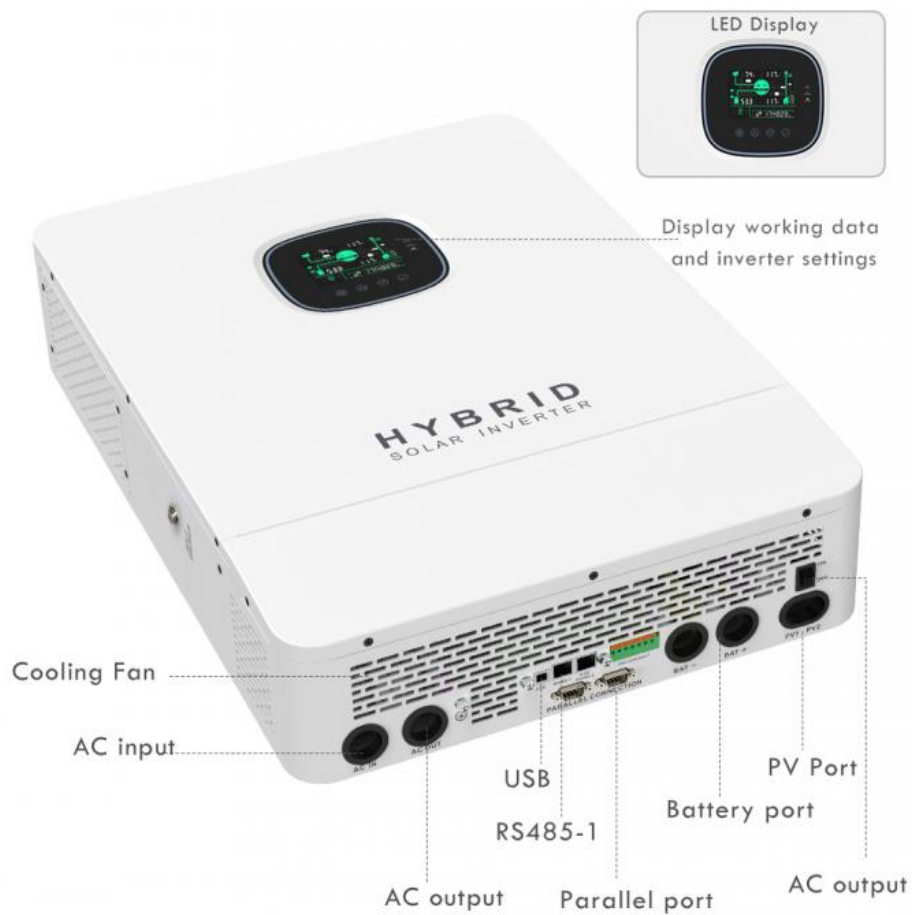
## Product Description

US standard 48V Solar Hybrid Inverter 10KW MPPT 120v/240v On-grid Off-grid Charge 8KW With Wifi

Model	SPI-8K-U	SPI-10K-U
Rated battery input voltage	48V	
Rated output voltage	120/240Vac(L1/L2/N/PE split phase)	
Rated output power	8KW	10KW
Max PV open circuit voltage	500Vdc	
Max PV input power	11KW	
Max PV charging current	200A	
Max AC charging current	100A	120A
MPPT efficiency	99.9%	
Communication module	RS485/CAN/USB WiFi monitoring	
WiFi monitoring	optional	
4 charging modes	Only Solar, Mains Priority, Solar Priority,Mains and Solar hybrid charging.	



# Product Details



## About SPI series:

The SPI series is equipped with a time-slot charging and discharging function, which allows users to set different charging and discharging periods according to the local peak and valley tariffs, so that the utility power and PV energy can be used rationally.

## Communication Function:

Mobile App/Computer/Diesel Generator/Storage Battery BMS

# Application Scenarios

Solar power station project

ENIKOL



**01**  
FOR Home use



**02**  
FOR Yacht



**03**  
FOR Base Station



**04**  
FOR RV

# Working principle

we offer professional solar inverter solutions

8KW-10KW load power



99.9% EFFICIENCY



RELIABLE



USER-FRIENDLY



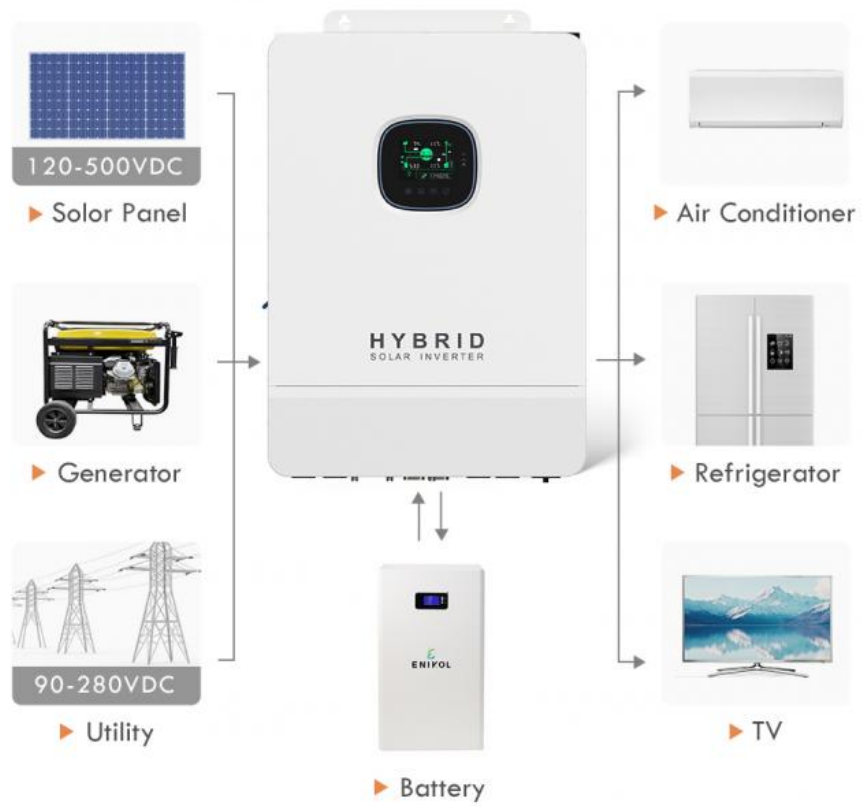
SAFETY



ALL-IN-ONE



INTELLIGENT

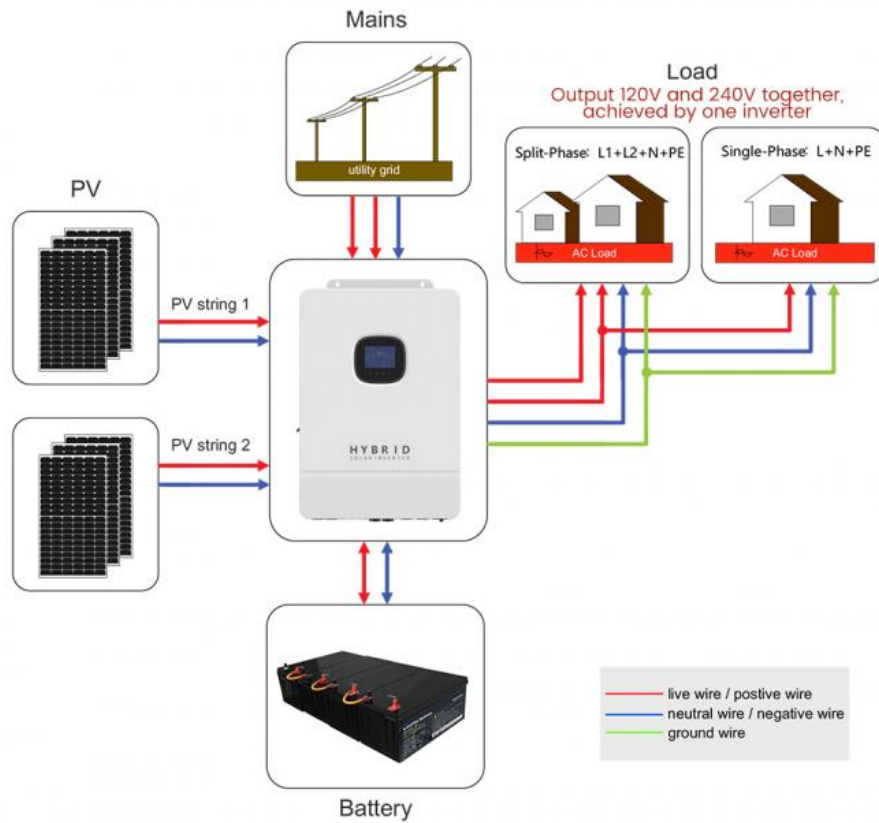




# Our features

Supports both 120V and 240V loads

## Schematic Diagram



## Why Choose Us

### About Us

**OEM/ODM**  
energy storage  
battery source factory



### Factory



### Exhibition



## LINE OF PRODUCTION



Battery Cell Testing and Matching



Assembling Battery Pack



Connect BMS Main Board



Shell Assembling



Parameter and Performance Testing



Aging and QC Testing

## OUR CERTIFICATES



## FAQ.(contact our sales for more details!)

### Q1: Delivery time:

---Standard products could be delivered within 15 days;

### Q2. Can I have a sample order?

---Yes, we welcome sample order to test and check quality.

### Q3. Do you have any MOQ?

---Yes, we have MOQ for mass production, it depends on the different part numbers. 1~10pcs sample order is available. Low MOQ, 1 pc

for sample checking is available.

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