



Residential 220V 5kw Off Grid Solar Energy System

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Yahua
- Certification: CE ROHS SONCAP
- Model Number: YHZ-SPS
- Minimum Order Quantity: 1pc
- Price: USD1.0-1.1/W
- Packaging Details: Carton+wooden pallet
- Delivery Time: 5-8 Days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100pcs



Product Specification

- Solar System: On-Grid Solar System
- Application: Home, Commercial, Industrial, Residential/Com
- Output Voltage (v): AC 110V/120V 220V/230V/240V
- Solar Power (w): 12-30KW Solar System
- Solar Panel: Mono/poly A Grade Solar Panel
- Output Frequency: 50/60hz
- Highlight: Residential Solar Energy System, Off Grid Solar Energy System, 5kw Solar Energy System



More Images



Product Description

Easy to install Complete 5000w 5kw off grid solar energy systems for farm home

What is off grid system?

An off-grid solar system (off-the-grid, standalone) is the obvious alternative to one that is grid-tied. For homeowners that have access to the grid, off-grid solar systems are usually out of question. Here's why :

To ensure access to electricity at all times, off-grid solar systems require battery storage and a backup generator (if you live off-the-grid). On top of this, a battery bank typically needs to be replaced after 15 years. Batteries are complicated, expensive and decrease overall system efficiency.

Off-grid system is suitable for areas without grid-connected or unstable grid-connected power.

Off grid system is usually composed of solar panels, connector, inverter, battery and mounting system.

1. Safe & Reliable

Professional Design

Support utility grid and generator voltage input

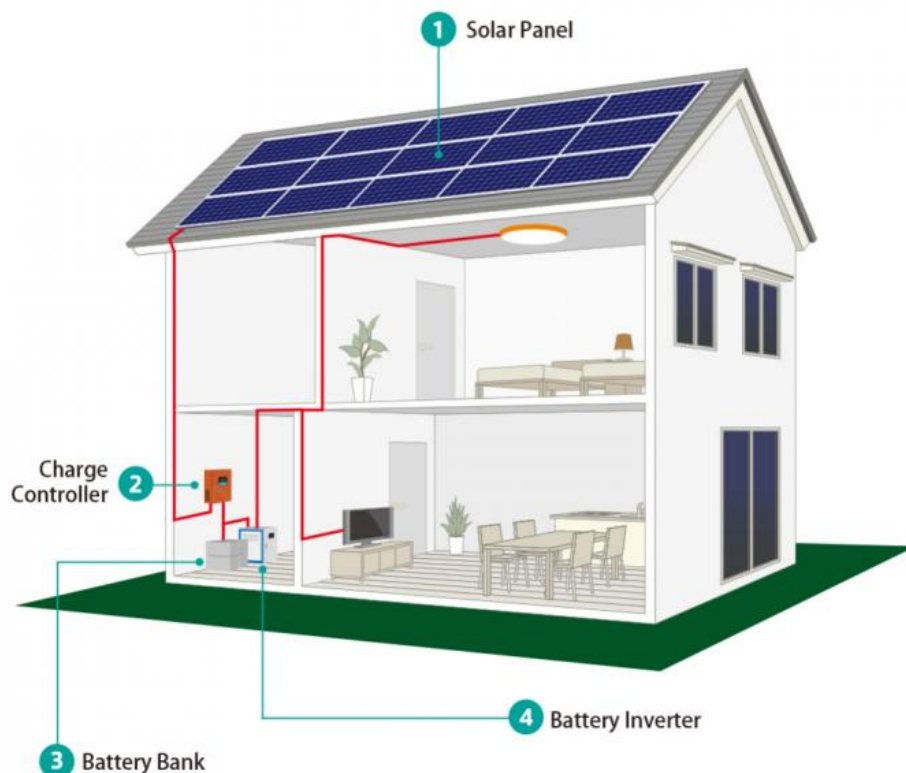
2. Flexible

12V/2V lead-acid battery Optional

PWM/MPPT Controller Optional

Poly/Mono solar Module Optional

| Components | YHZ-SPS1KW | YHZ-SPS2KW | YHZ-SPS3KW | YHZ-SPS4KW-OFF | YHZ-SPS5KW-OFF |
|-----------------------|--|------------|------------|----------------|----------------|
| 300W Mono Solar Panel | 2 Pieces | 4 Pieces | 6 Pieces | 9 Pieces | 12 Pieces |
| Combiner Box | 2 in 1 out | 2 in 1 out | 2 in 1 out | 3 in 1 out | 4 in 1 out |
| Off Grid Inverter | 1kw | 2kw | 3kw | 4kw | 5kw |
| 12V 200AH GEL Battery | 1 Piece | 2 Pieces | 4 Pieces | 4 Pieces | 8 Pieces |
| DC Cable | 100 Meters | 100 Meters | 200 Meters | 200 Meters | 200 Meters |
| MC4 Connector | 4 Pairs | 4 Pairs | 6 Pairs | 6 Pairs | 8 Pairs |
| Mounting System | Ground or Roof (Customized Optional) | | | | |





5kw off grid solar inverter

1. Pure sine wave inverter
2. Built-in MPPT solar charge controller
3. Selectable input voltage range for home appliances and personal computers
4. Selectable charging current based on applications
5. Configurable AC/Solar input priority via LCD setting



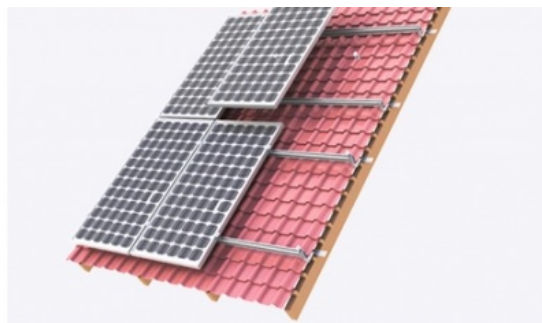
Mounting Structure

Customized for :

Rooftop(Flat/Pitched), Ground , Car
Parking Lot

Adjustable tile angle from 0 to 65 degree

Compatible with all solar modules.




Accessories


- PV Cable 4mm² 6mm²
- MC 4 compatible Connector
- AC/DC Combiner Box
- AC/DC Breaker





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