



Home Use 5kw Photovoltaic System Solar Power System Solar Panel Hybrid Grid Kit Solar System 5K 10kw 15kw 50kw

Our Product Introduction

Basic Information

- Certification: CE
- Minimum Order Quantity: 1
- Price: 0.8



Product Specification

- Model NO.: PE-S10kw
- Warranty: 10 Years
- Number Of Cells: 1
- Application: Light Industry
- Condition: New
- Material: Monocrystalline Silicon
- Load Power (W): 1kw-10kw
- Product Name: Solar Power System
- Solar And Grid Complementary: Can Choose
- Inverter Type: Off Grid Hybrid Type
- Solar Panel Type: Monocrystalline Silicon
- Output Voltage (V): 110V/220V/230V/240V
- Battery Type: Lithium Ion, Lead-Acid
- Output Frequency: 50/60Hz

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Product Details

- 1.Solar Cell Type** :adopt high efficiency (more than 16.5%) monocrystalline silicon solar panel package to ensure sufficient power generation of solar panels.
- 2.EVA**: the high quality EVA film with thickness of 0.78mm with anti-UV agent, antioxidant and curing agent is used as the sealant of solar cell and the connecting agent between glass and TPT. It has high light transmittance and anti-aging ability.
- 3.TPT**: the back cover of the solar cell - fluorine plastic film is white, reflecting the sunlight, because it has a high infrared emissivity, but also can reduce the working temperature of the component, but also conducive to improving the efficiency of the component
- 4.Frame**: the aluminum alloy frame has high strength and strong resistance to mechanical impact. It is also the most valuable part of the solar system. Its function is to convert the solar radiation capacity into electric energy, or to storage battery, or to promote the load.
- 5.Glass**: the use of low iron tempered suede glass (also known as white glass), thickness of 3.2mm, in the wavelength range of solar cell spectral response (320-1100nm) transmittance of 91% or more, for more than 1200 nm infrared light has a high reflectivity, can withstand solar ULTRAVIOLET radiation, transmittance **does not decrease**.

Hybrid On Grid Inverter

- *Hybrid On Grid Inverter
- *Rated Power 2kw-10kw
- *Build in Mppt solar charge controller
- *Low and High Voltage with BMS
- Multi Protection
- *Wide AC input 170~280V/90~280V

Solar Storage Battery

- *48V 100ah 150ah 200ah Battery Optional
- *Lithium ion LifePO4 Module or Powerwall Optional
- *Has excellent performance and longer life-span

PV array combiner box

- *Applicable for outdoor PV systems
- *Number of PV input array: 6
- *Max input pv current each array: 16A

Toolkit

- *Wire Cable Cutter & Stripper,
- *MC3 MC4 Crimper
- *MC4 Compatible /MC4 EVO2/TS4*
- *Disassembly Tool
- *500N Tensile Strength
- Female/Male/Fuse

Product systems

Solar photovoltaic power generation

Use solar cells to directly convert solar energy into electricity. Photovoltaic power generation system is mainly composed of solar cells, batteries, controllers and inverters, of which the solar cell is a key part of photovoltaic power generation system, the quality and cost of solar panels will directly determine the quality and cost of the whole system.

Product Application

- 1.**No blocking light and exterior scenery, no battery shadow in the room, no uneven lighting, not easy to cause visual fatigue, beautiful design, complex modern aesthetic.
- 2.**Photovoltaic glass can block the sun and reduce the direct exposure to ULTRAVIOLET rays.
- 3.**Provide electricity for household appliances.
- 4.**Save electricity bills, and sell surplus electricity to the grid company to make money.
- 5.**Whether in the cold winter or in the hot summer, the photovoltaic solar room can create a comfortable and healthy space for you and your family.

6.It is your best choice for entertainment, sports, rest, reception and leisure.

Car Port Installation

It can supply power for new energy vehicles, which is convenient, environmental friendly and energy efficient

Industrial Power Generation

- 1.Carbon emissions close to zero and do not pollute the environment
- 2.The content of photoelectric resources is 96.64%

Outdoor lighting:1.Into light energy 2.Electricity saving exquisite 3.Green environmental protection
4.High safety factor

Snow Plateau:1.Excellent performance, can adapt to different geographical terrain 2.Meet the needs of most countries and regions in the world

Product Advantage

1.Data Logging Stick

Allows you to receive information from solar power system, in order to keep you informed about the situation of your PV system, and the atmosphere conditions, everywhere and every time, thanks to our web server, accessible via Wi-Fi, Lan or GPRS.App Available for PC, IOS & Andriod

2.Easy to install

You can install yourself, save time and effort, suitable for different roof structures, to meet the needs of different consumers

3.Adapting to extreme weather

*PID Resistant,High salt and ammonia resistance

*Low temperature and high temperature resistance

*Solar power does not need to take up extra land, roof, wall can be used for its applications

*The utilization rate of wasteland can be improved by constructing solar power generation base in desert

Product parameter list

Item	5KW	8KW	10KW
Mono PERC Solar Panel 550w	9	14	18
PV Combiner Box	2 input 2 output	2 input 2 output	2 input 2 output
Off Grid Inverter	5000w	5000w*2pcs	2 input 2 output
WIFI Module Monitor	1 set	1 set	1 set
Solar Battery	GEL/Lithium Powerwall with BMS	GEL/Lithium Powerwall with BMS	GEL/Lithium Powerwall with BMS
PV Cable	4mm2	4mm2	4mm2
Mounting Bracket	Tile Roof/Ground	Tile Roof/Ground	Tile Roof/Ground
MC4 Connector	10	10	10
Installation Tool Box	1 set	1 set	1 set
Installation Manual	Yes	Yes	Yes



Hunan Pinsheng Energy Technology Co., LTD.

☎ 15616151876

✉ info@pinshengenergy.com

🌐 rechargeable-liionbattery.com

NO. 259, Lixiang East Road, Xiangfeng Technology Industry Park, Changsha City, Hunan, China.