



160-170W Split Cell Solar Module

160-170w Split Cell Solar Module is made up of many individual, interconnected photovoltaic cells. To ensure the modules are tilted correctly and facing the sun, they are housed in support structures to stay firm to against the strong wind and snow , as well as the burning heat in the desert. ISOLA provides one stop solution to the customers and free samples are provided occasionally.

Product Description

160-170w Split Cell Solar Module Produces more energy throughout the day even on the hottest days in the warmest climates. ISOLA factory solar panels outperform others when temperatures rise due to our industry-leading 0.26%/°C temperature coefficient.

Superior module of **160-170w Split Cell Solar Module's** efficiency is 21.1%, which respectively, allows maximum power production with less roof space. With one of the industry's lowest annual degradation rates, power output of at least 92% is guaranteed after 25 years.

Featuring the highest monocrystalline cell efficiency and top quality materials, ISOLA panels provide industry-leading performance with weather resistance and waterproof functions. It's never been easier to go solar and lower your carbon footprint.

Product Parameter (Specification) of 55w 166 Split Cell Solar Module

| MODEL | Product Specifications | |
|---------------------|----------------------------|---------------------|
| YH160-18M/YH170-18M | Peak power Pmax: | 160-170W |
| | Working voltage Vmp: | 18V |
| | Working current Imp: | 8.38A |
| | Open circuit voltage Voc: | 23.69V |
| | Short circuit current Isc: | 8.87A |
| | Cell: | Monocrystalline 166 |
| | Operation temperature | -40°C-85°C |
| | size: | 1180*770*30mm |

| | | |
|--|------------|--------|
| | Net Weight | 9.54KG |
|--|------------|--------|

Product Feature And Application

Energy from sun can be categorised in two ways: in the form of heat and light. We use the solar energy every day in many different ways. When we hang laundry outside to dry in the sun, we are using the solar heat to dry our clothes. Plants make their food in the presence of sunlight. Animals and humans get food from plants. Fossil fuels are actually solar energy stored millions and millions of years ago. **160-170w Split Cell Solar Module** can be widely used on the above occasions.

Product Details

ISOLA provides superior quality of **160-170w Split Cell Solar Module** with long term warranty .A performance warranty guarantees that your solar panel will continue to produce close to its intended output throughout the warranty period. All panels, regardless of brand or wattage, decrease output over time, but typically don't lose more than 10-20% over 25 years.



Green power



Efficient power saving



Easy battery life



Easy installation

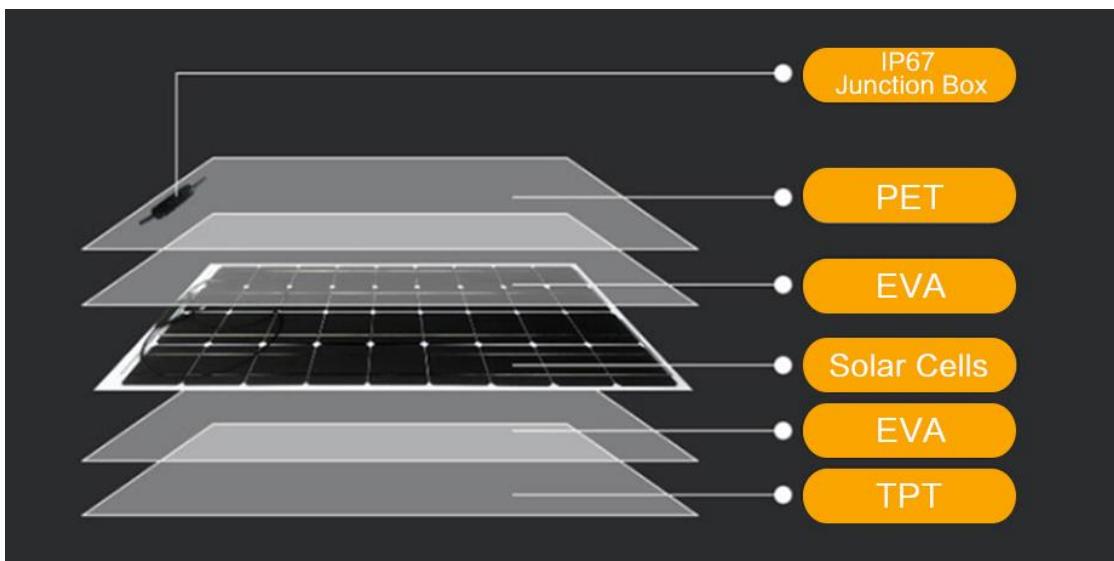


Wide application

Product

Where there is sunshine There is electricity

Postting high gloss, anti-ultraviolet, beautiful appearance



Material Advantage

Brand-known raw materials to ensure maximum inner quality



Glass

Anti-reflective coating to increase the module efficiency up to 20%
Light transmittance improvement above 3%
Self-cleaning function



Back Sheet

Low moisture permeability against snail trail defect
Excellent electric insulation for high system voltage up to 1500V
Outstanding weatherproof performance



Cell

High power efficiency
Stable performance under weak light conditions
PID free



Frame

Strong mechanical load resistance up to 5400 Pa
Anodic oxidation layer resistant to chemical corrosion
Silver and black color optional



Eva Film

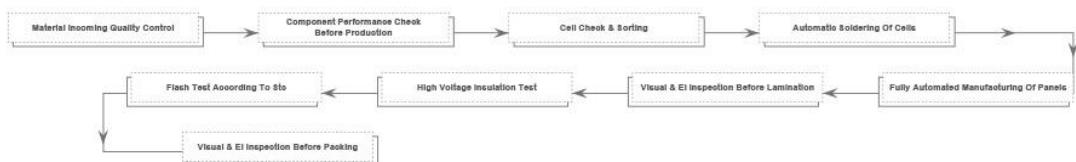
Light transmittance more than 92%
Snail trail prevention treatment
UV resistance against ageing



Junction Box

IP 67 protection grade
High quality diodes for electric safety
1500V system voltage available

Production process



Packing & Loading



Equipments & Facilities



Equipments & Facilities



Project case



About us



Solar Photovoltaic High-tech Products Of Professional Manufacturers

who we are

Zhejiang Isola New Energy Co.,Ltd is a professional manufacturer, engaged in high-tech products of solar modules. It has the abundant technical force and a large number of professional and technical person for many years experienced in the photovoltaic industry, and use full-automatic machine for cell cutting, welding, packaging, testing and so on.

Products included solar cells, solar panels,solar home system, solar streetlight, etc.

Two production bases:

Full automatic production line: 1.5GW / year, power range: 450W-540W

Semi-automic production line: 400MW / year, power range: 5W-400W

We are the domestic manufacturer with the most comprehensive power coverage and the most customized enterprise.

The subordinate branch companies and representative offices are located in more then 10 countries like: Germany, Danmark,Netherlands, India, Bangladesh, Burma,etc.

