



55W 166 Split Cell Solar Module

ISOLA is a solar panel supplier to offer solar panels with a choice of Monocrystalline and polycrystalline. Most of our Solar Module cell efficiency is greater than 21%. This 55w 166 Split Cell Solar Module's wattages reaches upto 55w with 36 cell configurations.

Product Description

We are **55w 166 Split Cell Solar Module** manufacturer. Our solar panel comes with Antireflective coatings (ARC) on the front glass to help absorb more solar radiation. Behind the solar panel is a waterproof and dustproof IP67 junction box. The junction box has integrated bypass diodes to reduce the effect of shading or dust.

Having a look of **55w 166 Split Cell Solar Module**, it has strong mechanical strength which are certified to withstand high wind loads and snow loads while being extremely responsive in low light conditions capturing more sunlight in cloudy conditions ensuring better power generation. These solar panels have the lowest temperature coefficient, hence ensuring better energy output in tropical and high temperature conditions.

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

MODEL	Product Specifications	
MH55-18M	Peak power Pmax:	55Wp
	Working voltage Vmp:	18V
	Working current Imp:	2.68A
	Open circuit voltage Voc:	23.79V
	Short circuit current Isc:	2.82A
	Cell:	Monocrystalline 166
	Operation temperature	-40°C-50°C
	size:	570*540*25mm
	Net Weight	3.3KG

Product Feature And Application

This **55w 166 Split Cell Solar Module** can be installed in various power plants, rooftop systems, pumping systems, lighting systems, etc. across the globe and have exceeded the performance expectations always. Due to the higher efficiency these solar panels require less space to install the same KWp.

Product Details

Investing on **55w 166 Split Cell Solar Module** can help saving energy cost in the long term..These solar panels are backed by a 25 years linear warranty resulting in a more stable performance assurance and ensuring complete peace of mind for the customer. ISOLA has been on the forefront of helping customers across industries solve their emerging power needs for over a decade.



Green power



Efficient power saving



Easy battery life



Easy installation

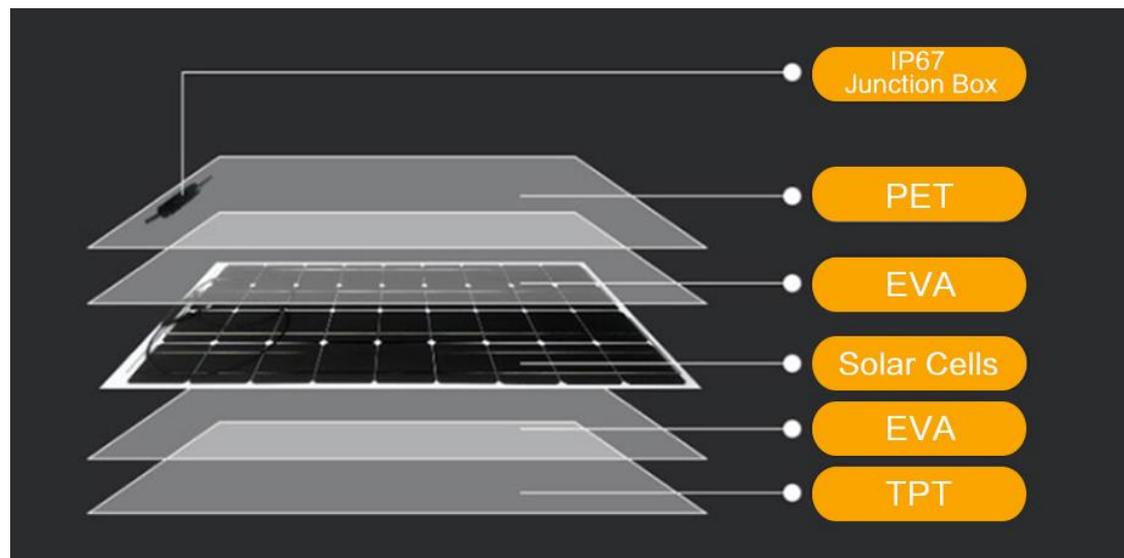


Wide application

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



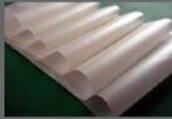
Cell

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

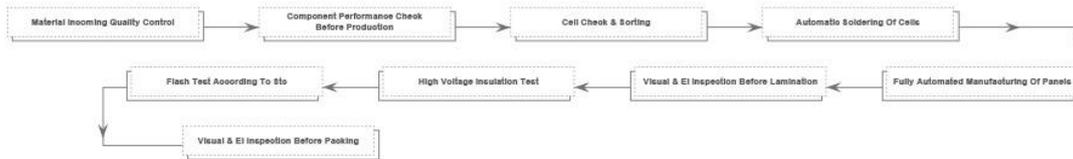
Light transmittance more than 92%
Snail trail prevention treatment
UV resistance against ageing



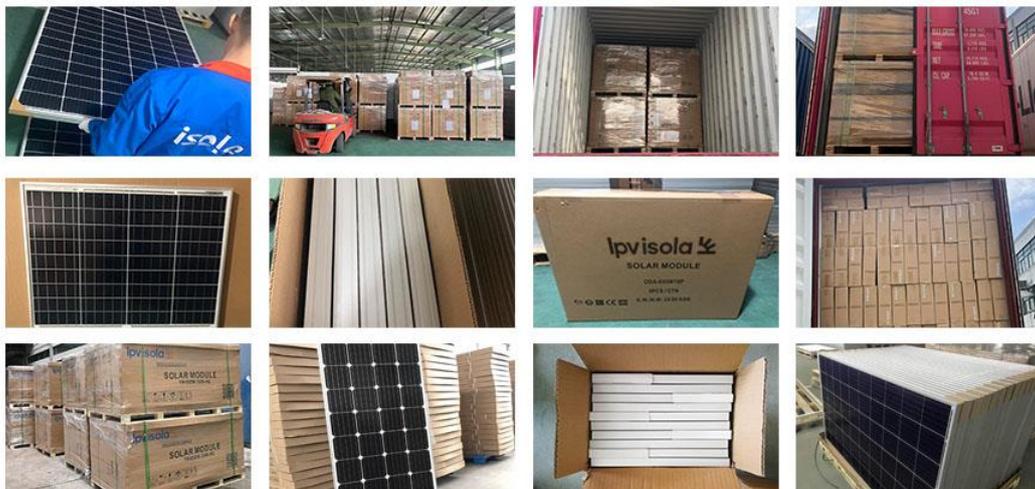
Junction Box

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-automatic 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 than 10 countries like: Germany, Danmark, Netherlands, India, Bangladesh, Burma, etc.

