



140-150W 166 Split Cell Solar Module

140-150w 166 Split Cell Solar Module ISOLA is a true one-stop-shop for PV module manufacturers. And with sales teams, production facilities and research and development centers in China, Europe and the US, we're never far away. ISOLA factory offers home and business owners reliable power paired with great aesthetics.

Product Description

140-150w 166 Split Cell Solar Module are made up of a mosaic of solar cells. Our modules are especially climate-friendly because they produce more emission-free energy and for a longer period of time. ISOLA also manufacture our modules in accordance with the strictest environmental standards. For example, we don't use any of the toxic heavy metal lead in our modules, we use a lot fewer solvents, we power our production facilities with energy from renewable resources, and we will recycle our end-of-life modules as completely as possible.

These **140-150w 166 Split Cell Solar Modules** have cells with blunted edges and are made of silicon crystals all facing the same direction. In the presence of perpendicular light, they generate electricity with 18-21% efficiency.

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

MODEL	Product Specifications	
YH140-18M, YH150-18M	Peak power Pmax:	140-150W
	Working voltage Vmp:	18V
	Working current Imp:	7.3A
	Open circuit voltage Voc:	23.82V
	Short circuit current Isc:	7.69A
	Cell:	Monocrystalline 166
	Operation temperature	-40°C -85°C
	size:	1080*705*30mm
	Net Weight	8KG

Product Feature And Application

Solar energy generates electricity through photovoltaic cells – which convert direct sunlight to electricity. The energy generated by the solar power system can be used to offset or even to completely replace the user’s monthly bills. Excess power can be sent to the grid for other consumers within the locality to consume. With **140-150w 166 Split Cell Solar Modules**, you have a choice between on-grid and off-grid systems. Off-grid systems depend solely on solar energy, with no connections or power use from utility companies.

Product Details

Different houses and regions need different quantity of **140-150w 166 Split Cell Solar Modules**.

The average home needs over 30-40 pieces **140-150w 166 Split Cell Solar Modules** to fully offset their utility bills with renewable energy. This number depends on a variety of factors including location, climate, panel efficiency, and individual panel specifications.



Green power



Efficient power saving



Easy battery life



Easy installation

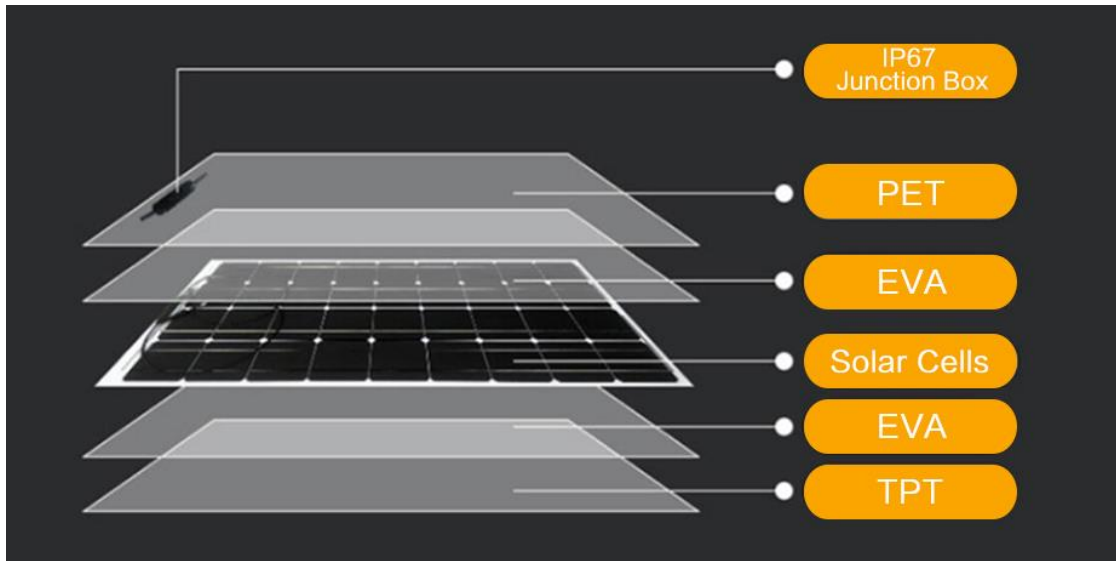


Wide application

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



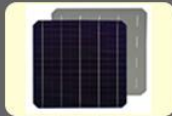
Glass

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



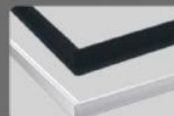
Back Sheet

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



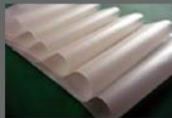
Cell

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

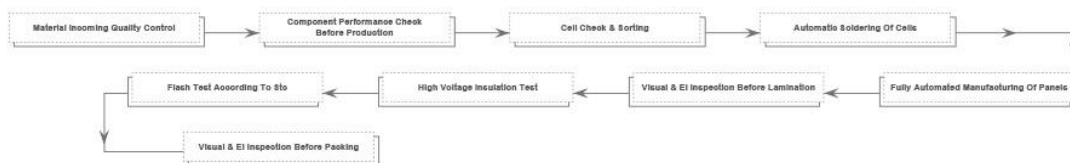
Light transmittance more than 92%
Snail trail prevention treatment
UV resistance against ageing



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.

