

EYE170-29SP

Semi Flexible Solar Module

Overview

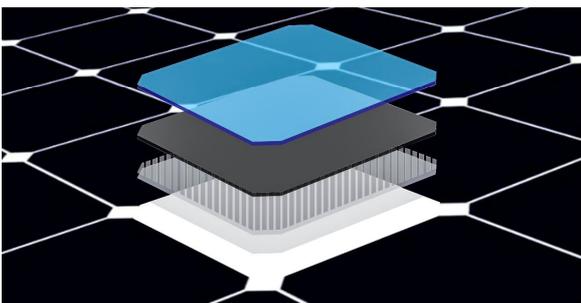
- EYONGPV sophisticated equipments, advanced technologies and scientific management will guarantee the first-class products.
- Reliable performance Sunpower solar cell with high conversion efficiency, even if the silicon broke still has current output;
- Amazing surface, back-contact solar cell, no bus bar on the surface, can be integrated into the roof and look more beautiful.
- Rigorous quality control to meet the highest international standards.

Advantages

- Holes on panels are pre-drilled for fast mounting and securing perfect for non-permanent installations.
- Super flexible adapt to different conditions without breaking deal for storage in tight spaces or crowded areas that are typically off limits for traditional glass and aluminum models

Applications

- Boats/Sailboats, Yachts, Marine applications, Motorhomes/RVs,
- Expedition Vehicles, Commercial Trucks/Trailers, Caravans etc.
- Caravans/Popup Off-Grid and Remote Communication sites etc.



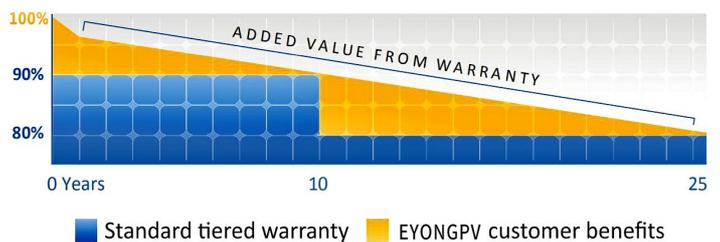
High Efficiency Cell

Providing the highest efficiency and reliability.

Strict QC Systems

- 100% Cells Sorting ensure Colour and Power Difference.
- 100% EL Testing before Lamination
- 100% "Zero" Defects Objective Before Shipment.

Only focus on portable solar since 2013



2 year limited product warranty on materials and workmanship
Power is not less than 85% in 2 years

Certifications



Electrical Specifications

*Standard Test Conditions	(Irradiance of 1000W/m ² , spectrum AM 1.5g and cell temperature of 25 °C)
Maximum Power Pmax	170W
Voltage at Maximum Power Point (Vmpp)	29.4V
Current at Maximum Power Point (Impp)	5.84A
Open Circuit Voltage (Voc)	34.6V
Short Circuit Current (Isc)	6.15A
Max System Voltage (IEC/UL)	1000V DC
Temperature Coefficient of Isc	(+0.06% /°C)
Temperature Coefficient of Voc	(-0.33% /°C)
Temperature Coefficient of Pmax	(-0.41% /°C)

Mechanical Specifications

Cell Type	SunPower solar cell
Cell Size	125mm x 125mm (4.92" x 4.92")
No. of Cells	48 = 6 x 8 pcs
Module Dimension (L x W x T)	1120mm x 792mm x 2.5mm (44.09" x 31.18" x 0.01")
Weight	2.9 kg
Front material	High performance corrosion resistant ETFE
Cable Length	900mm (35.43") for positive (+) and negative (-)
Type of Connector	MC4 compatible
Junction Box	IP67 Rated
Packing Configuration	10 pcs/ctn
Carton size	560mm x 425mm x 60mm (22.05" x 16.7" x 2.36")

Other Performance Data

Power Tolerance	Operating Temperature	Max Series Fuse Rating	NOCT*
0%, +5%	-40 °C to +85 °C	10 A	45 °C ± 2 °C

