

EYE120-20SPB

Semi Flexible Solar Module

Overview

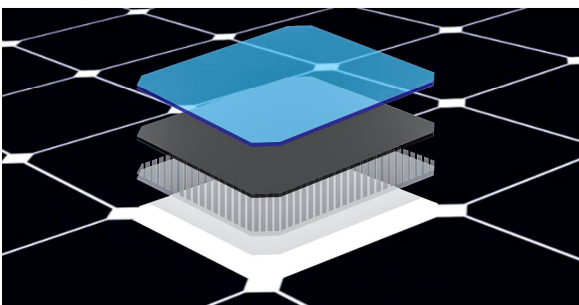
- EYONGPV sophisticated equipments, advanced technologies and scientific management will guarantee the first-class products.
- Reliable performance Sunpower solar cell with high conversion efficiency, even if the silicon broke still has current output;
- Amazing surface, back-contact solar cell, no bus 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.



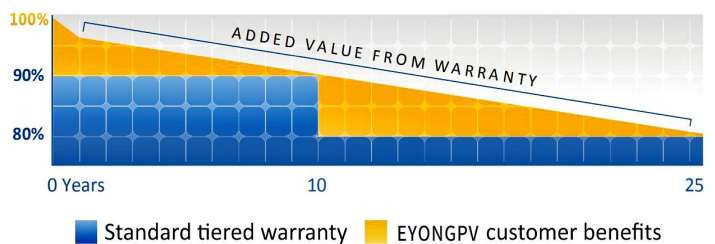
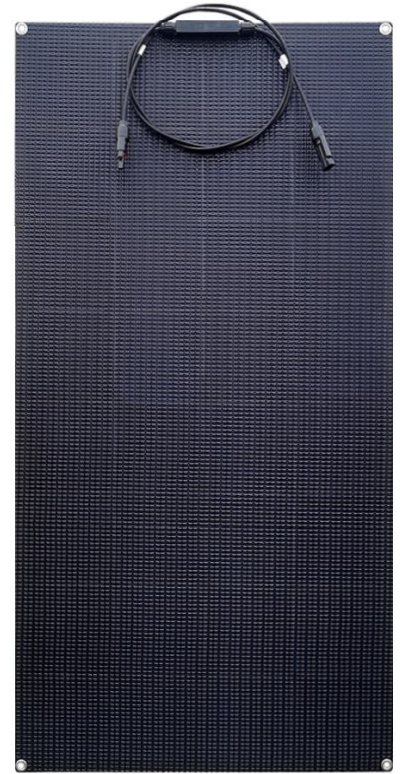
High Efficiency Cell

Providing the highest efficiency and reliability.

Strict QC Systems

- 100% Cells Sorting ensure Colour and Power Difference.
- 100% EL Testing before Lamination
- 100% power test before packing
- 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 80% in 5 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 | 120W |
| Voltage at Maximum Power Point (Vmpp) | 19.8V |
| Current at Maximum Power Point (Impp) | 6.06A |
| Open Circuit Voltage (Voc) | 23.6V |
| Short Circuit Current (Isc) | 6.5A |
| 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) |

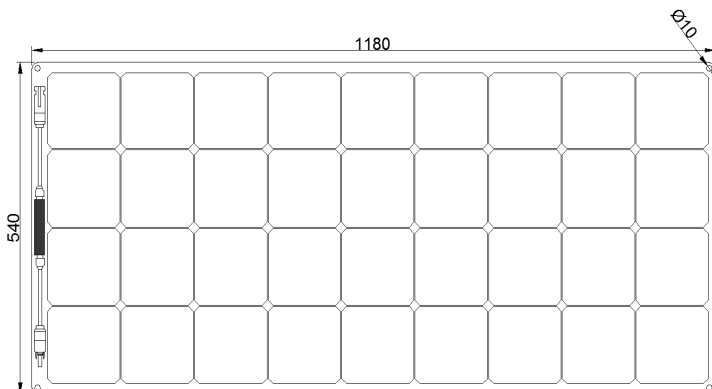
Mechanical Specifications

| | |
|------------------------------|--|
| Cell Type | SunPower solar cell |
| Cell Size | 125mm x 125mm (4.92" x 4.92") |
| No. of Cells | 36 = 4 x 9 pcs |
| Module Dimension (L x W x T) | 1180mm x 540mm x 3mm (46.46" x 21.26" x 0.12") |
| Weight | 2.0 kg |
| Front Material | High performance corrosion resistant ETFE |
| Grommets | 316 Stainless Steel |
| Cable Length | 900mm (35.43") for positive (+) and negative (-) |
| Type of Connector | MC4 compatible |
| Junction Box | IP67 Rated |
| Packing Configuration | 10 pcs/Ctn, then packed in wooden box |

Other Performance Data

| Power Tolerance | Operating Temperature | Max Series Fuse Rating | NOCT* |
|-----------------|-----------------------|------------------------|--------------|
| -0%, +5% | -20 °C to +65 °C | 10 A | 45 °C ± 2 °C |

Physical Dimensions (mm)



TYPICAL-V CURVE

IV CURVE

