

365W Polycrystalline Solar Panel

This 365W polycrystalline solar panel is designed for solar system applications. It features 5 busbar (5bb) solar cells for improved current collection and reduced resistive losses.



ADDITIONAL IMAGES



Product Overview



High-efficiency 144-cell half-cut design with industry-leading 25-year linear performance warranty.

High-Efficiency 365W Polycrystalline Solution

This 365W polycrystalline solar module is designed for high-performance solar systems, featuring a 144-cell half-cut design that minimizes energy loss. Built to withstand harsh environmental conditions, it offers excellent weak light performance and high PID resistance, making it ideal for residential, commercial, and industrial installations. With a 25-year linear performance warranty and robust mechanical loading capabilities, this panel ensures reliable long-term energy production.

Key Performance Metrics

Key Performance Metrics

365 W

Max Power (Pmax)

17.9 %

Module Efficiency

5400 Pa

Front Static Load

25 Years

Performance Warranty

Electrical Characteristics

Electrical Data (STC)

Parameter	Value (at STC)
Maximum Power (Pmax)	360 W
Optimum Operating Voltage (Vmp)	38.3 V
Optimum Operating Current (Imp)	9.40 A
Open Circuit Voltage (Voc)	46.8 V
Short Circuit Current (Isc)	9.80 A
Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1000/1500 V DC

Mechanical Design

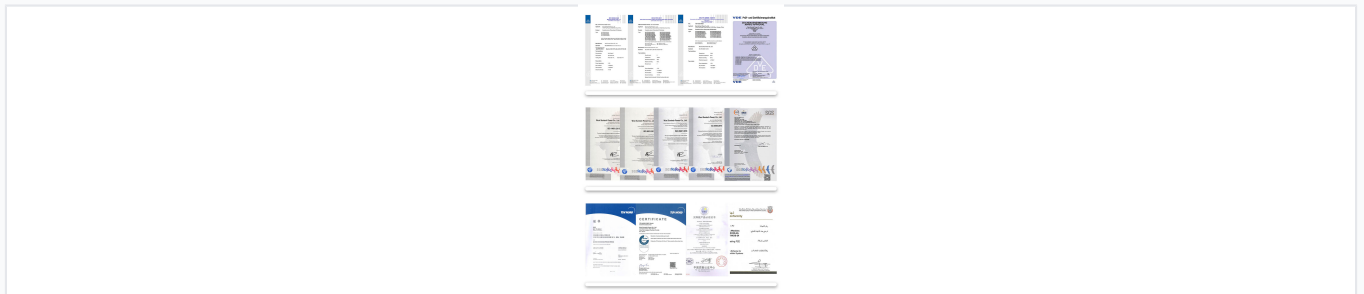
Mechanical Characteristics

- Solar Cell: Polycrystalline silicon 158.75 mm
- Cell Layout: 144 (6 x 24) half-cut cells
- Front Glass: 3.2 mm tempered glass
- Frame: Anodized aluminium alloy
- Junction Box: IP68 rated with 3 bypass diodes
- Output Cables: 4.0 mm² photovoltaic technology cable
- Connectors: MC4 compatible / MC4 EVO2

Physical Dimensions

Dimensions	2008 x 1002 x 35 mm
Weight	22.5 kg

Certifications & Standards



Compliant with global standards including IEC, ISO, and CE for reliable operation in harsh environments.

Compliance & Certifications	IEC 61215, IEC 61730, CE, ISO 9001:2008, ISO 14001:2004, IEC 61701 (Salt Mist), IEC 62716 (Ammonia), PID Resistant
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Logistics & Packaging



Professional logistics and automated storage ensure safe handling and efficient global distribution.

Packaging Configuration (40'HC)

Unit	Quantity
Pieces per Pallet	31
Pallets per 40'HC Container	22
Total Pieces per 40'HC	682
Box Dimensions	2038 x 1130 x 1173 mm
Box Weight	745 kg

Warranty

Warranty Terms

- 12-year product warranty
- 25-year linear performance warranty
- 97.5% power output in the first year
- Max 0.7% annual degradation from years 2 to 25