

365W Monocrystalline Solar Panel for Power Systems

This 365W monocrystalline solar panel is designed for solar power systems. The solar module is engineered for optimal energy conversion and long-term reliability.



ADDITIONAL IMAGES



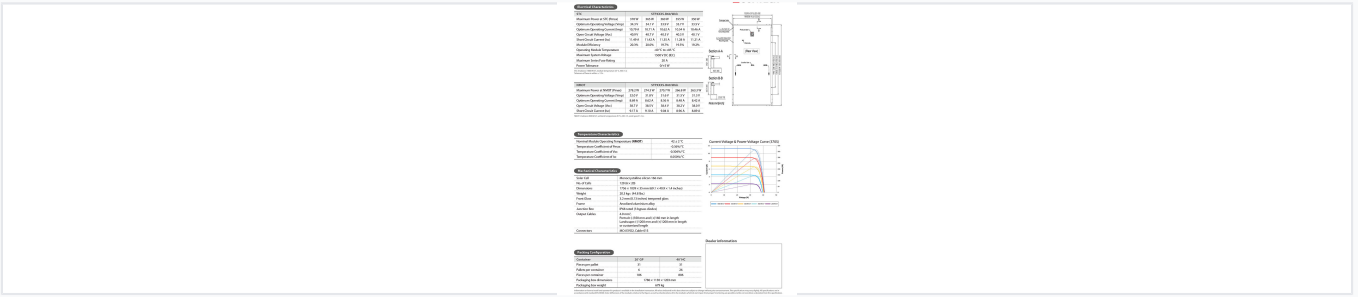
Overview

Engineered for high power output and resistance to harsh environments.

High-Efficiency Monocrystalline Module

This 365W monocrystalline solar module features 120 half-cut cells designed for superior power output and reliability in diverse environments. It excels in low-light conditions such as haze or cloudy weather while providing exceptional durability against harsh elements. With advanced cell technology and high-quality materials, this module is an ideal solution for both grid-tied and off-grid solar power systems.

Electrical Characteristics



Detailed performance metrics under Standard Test Conditions (STC) and Nominal Module Operating Temperature (NMOT).

Electrical Performance (STC)

Metric	Value
Maximum Power (Pmax)	365W
Open Circuit Voltage (Voc)	40.7V
Short Circuit Current (Isc)	11.42A
Optimum Operating Voltage (Vmp)	34.1V
Optimum Operating Current (Imp)	10.71A
Module Efficiency	20.0%

Temperature Coefficients

-0.36 %/°C
Pmax

-0.304 %/°C
Voc

0.05 %/°C
Isc

Mechanical Data

Dimensions & Weight

- Dimensions: 1756 x 1039 x 35 mm
- Weight: 20.3 kg (44.8 lbs)
- Front Glass: 3.2 mm tempered glass
- Cell configuration: 120 (6 x 20) monocrystalline silicon

Durability and Safety

IP68 Rated Junction Box, PID Resistant, 5400 Pa Front Static Load, 3800 Pa Rear Static Load, 1500V DC Max System Voltage

Certifications

International Standards

IEC 61215 • IEC 61730 • CE Certified • ISO 9001 • ISO 14001