

350W Poly Half-Cell Solar Panel

This 350W polycrystalline solar panel utilizes half-cell technology to improve performance and reduce shading losses. It is engineered for durability and reliable power generation in diverse conditions.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Poly Half-Cell Module

This high-performance polycrystalline solar panel utilizes advanced half-cell technology to significantly improve energy output and reduce electrode resistance. Engineered for durability, it excels in harsh environments including deserts and coastal regions while maintaining high PID resistance. With a robust design capable of withstanding heavy static loads, this module provides consistent, reliable power generation for both residential and commercial solar installations.

Electrical Performance

Performance Metrics (STC)

Model	Max Power (Pmax)	Efficiency
STP360-72/Vfh	360W	17.9%
STP355-72/Vfh	355W	17.6%
STP350-72/Vfh	350W	17.4%

System Limits

1500 V DC
Max System Voltage

20 A
Max Series Fuse

Mechanical Characteristics



Physical Properties

22.5 kg

Weight

144 pcs

Number of Cells

Build Details

- Dimensions: 2008 x 1002 x 35 mm
- 3.2mm Tempered Glass
- Anodized Aluminium Alloy Frame
- IP68 Rated Junction Box with 3 bypass diodes
- MC4 Compatible Connectors

Environmental Durability

Static Load Capacity

5400 Pa

Front Side Max Load

3800 Pa

Rear Side Max Load

Temperature Coefficients

- Pmax: -0.38%/°C
- Voc: -0.321%/°C
- Isc: 0.050%/°C

Warranty & Compliance

Warranty Coverage

- 12-year product warranty
- 25-year linear performance warranty
- 97.5% power output in first year
- 80.7% power output at 25 years

Standards & Certifications

IEC 61215, IEC 61730, IEC 61701, IEC 62716, CE, ISO 9001, ISO 14001