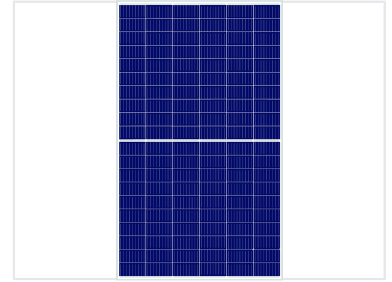
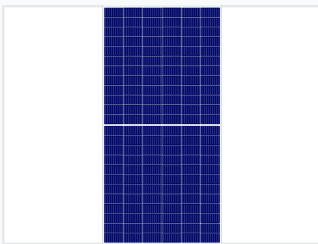


Half-Cell Polycrystalline Solar Panel

This half-cell polycrystalline solar panel provides reliable and stable performance through optimized BOM management. The half-cell design reduces shadow effects and energy loss, making it suitable for diverse environments.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Half-Cell Module

This high-efficiency polycrystalline solar module features an advanced half-cell design that effectively reduces shadow effects and energy loss, ensuring reliable performance in diverse environmental conditions. Engineered for durability, it has passed rigorous third-party testing for salt spray, ammonia, and dust resistance, making it suitable for a wide range of installation scenarios. The module demonstrates extremely low degradation rates, providing long-term power generation benefits for residential, commercial, and utility-scale solar projects.

Certifications

TUV, IEC/EN 61215, IEC/EN 61730, ISO 9001, ISO 14001, OHSAS 18001

Mechanical Parameters

Mechanical Specifications

Parameter	Value
Cell Type	158.75*79.375 Poly
Max Wind Load	2400 Pa
Max Snow Load	5400 Pa
Junction Box Rating	IP68
Fire Rating	Class C
Max Series Fuse	20 A

Physical Characteristics

18.1 kg

Weight (120-cell)

22.1 kg

Weight (144-cell)

4 mm²

Cable Cross Section

Electrical Parameters

Temperature Coefficients

- NMOT: $44 \pm 2^\circ\text{C}$
- Voc Coefficient: $-0.31\%/^\circ\text{C}$
- Isc Coefficient: $0.05\%/^\circ\text{C}$
- Pm Coefficient: $-0.38\%/^\circ\text{C}$

Performance Features

0~+5W Positive Tolerance • Anti-PID • Low Degradation • Excellent Low-Light Performance