

Polycrystalline Half-Cell Solar PV Module (275-295W)

This high-efficiency polycrystalline solar module, utilizing half-cut cell technology, is designed for both residential and commercial applications. It is certified to withstand increased snow loads of up to 5400Pa and wind loads of up to 2400Pa.



Overview

High-Performance Polycrystalline Half-Cell Module

This polycrystalline half-cell solar PV module offers a power output range of 275W to 295W, optimized for both residential and commercial solar energy systems. The half-cut cell technology ensures high performance and superior energy yields even in low irradiation conditions. Built with a robust design, it features an anti-reflective self-cleaning surface and is certified to withstand significant wind and snow loads, ensuring long-term durability.

Performance

Power Output Range

275 W

Minimum Output

295 W

Maximum Output

Module Efficiency Data

Pmax (W)	Efficiency (%)	Imp (A)
275	16.55%	8.82
280	16.85%	8.91
285	17.15%	9
290	17.45%	9.1
295	17.75%	9.19

Certifications

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IEC61215, IEC61730, UL1703, TUV, JET, INMETRO, CE, ISO9001, ISO14001, OHSAS 18001

Mechanical Data

Load Resistance

- Snow Load: 5400 Pa
- Wind Load: 2400 Pa

Dimensions

1675 x 992 x 35 mm

Weight

18.8 kg

Warranty

Standard Warranty

- 10-year materials and workmanship warranty
- 25-year linear power output warranty