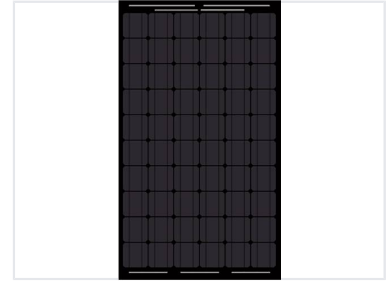


240-255W Monocrystalline Solar Panel

This monocrystalline solar panel undergoes 100% EL testing and provides 100% plus tolerance (0-+3%). It is engineered to withstand 5400Pa snow load and 2400Pa wind load, with resistance to ammonia and salt mist corrosion.



Product Overview

High-Efficiency Monocrystalline Solar Panels

This series of monocrystalline solar panels offers a versatile power output range from 240W to 255W, making them suitable for both residential and commercial solar installations. Designed with durability in mind, these modules are engineered to withstand significant mechanical loads and operate reliably across a wide temperature range. They are an ideal solution for professionals seeking consistent performance in grid-tied or off-grid energy systems.

Electrical Specifications

Performance Metrics

Pmax (W)	Uoc (V)	Isc (A)	Umpp (V)	Impp (A)	Efficiency
240	37.19	8.61	30.27	7.93	14.96%
245	37.24	8.65	30.55	8.02	15.27%
250	37.29	8.69	30.79	8.12	15.58%
255	37.34	8.73	31.06	8.21	15.89%

Max System Voltage 1000 V

Max Series Fuse 15 A

Temperature Ratings

Temperature Coefficients

- Isc: 0.034%/
- Voc: -0.326%/
- Pmax: -0.467%/

Operating Temperature -40 to +85

Mechanical Data

Physical Dimensions & Weight

1634 mm

Length

982 mm

Width

40 mm

Thickness

20.5 kg

Weight

Mechanical Load 5400 Pa

Number of Cells 60

Glass Thickness 3.2 mm