

90W Monocrystalline Solar Panel

This monocrystalline solar panel provides up to 90W of power. It is designed for high conversion efficiency and stability, ensuring reliable performance.



Overview

High-Efficiency 90W Monocrystalline Solar Panel

This 90W monocrystalline solar panel is engineered for high conversion efficiency using leading photovoltaic technologies. It features robust construction, including tempered glass and an anodized aluminum alloy frame, ensuring high stability and durability. With a guaranteed power tolerance of +/-3%, it provides reliable and sustainable energy generation for diverse off-grid and small-scale applications.

Performance Metrics

Key Metrics

90 W

Max Power

3 %

Power Tolerance

Mechanical Characteristics

Mechanical Specifications

Feature	Specification
Solar Cell Type	Monocrystalline 125x125mm
Number of Cells	36 (4x9)
Dimensions	1210 x 540 x 35 mm
Weight	8.2 kg
Front Glass	3.2 mm tempered glass
Frame Material	Anodised aluminium alloy

Junction Box Type: PV-rh06-70 (TUV certified)

Temperature Coefficients

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Parameter	Value
Nominal Operating Cell Temp (NOCT)	45 ± 2°C
Temp Coefficient of Pmax	-0.48%/°C
Temp Coefficient of Voc	-0.34%/°C
Temp Coefficient of Isc	-0.017%/°C