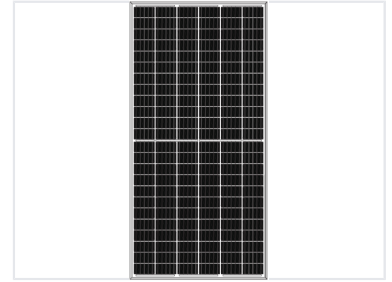


330W Polycrystalline Half-Cut Solar Panel

This 330W polycrystalline solar panel is designed with half-cut cell technology for enhanced performance. It provides a reliable and durable solution for residential and commercial solar power applications.



Product Overview

High-Efficiency 330W Polycrystalline Solution

This 330W solar panel utilizes advanced half-cut cell technology to deliver reliable power for both residential and commercial 36V systems. Designed for durability in harsh environments, it features a robust anodized aluminum frame and IP68-rated protection. With a 30-year linear power output warranty, it provides a long-term, high-performance solution for sustainable energy projects.

Key Performance Metrics

Performance Highlights

330 W

Peak Power

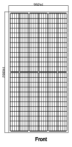
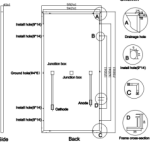
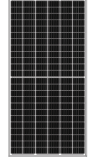
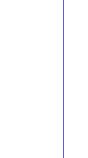
16.63 %

Module Efficiency

38.72 V

Max Power Voltage

Electrical Specifications (STC)

330W Poly half cells solar panel (2000*992*40)		Unit:mm	
			
Specifications <small>STC: irradiance 1000 W/m², AM 1.5, Gland cell temperature of 25°C</small>		Mechanical characteristics	
Peak Power(P _{max})	330.00	Cell Type	156.75x76.18 Poly
Maximum Power Voltage(V _{mp})	38.72	No. of Cells	144(12x12)
Maximum Power Current(I _{mp})	8.53	Dimensions	2000*992*40
Open Circuit Voltage(V _{oc})	47.43	Weight	22.7kg
Short Circuit Current(I _{sc})	8.98	Front Glass	3mm High Transmittance Low Iron Tempered Glass
Cell Efficiency(%)	18.65	Frame	Anodized Aluminium Alloy
Module Efficiency(%)	16.63	Junction box	IP68 3 diodes
		Output cables	6mm ² cable 90cm±mm2
		MaxWind Load(Sites)	2400Pa/5400Pa
<small>*NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s</small>			

Comprehensive technical dimensions and electrical performance data under STC and NOCT conditions.

Standard Test Conditions

Parameter	Value
Maximum Power Current (I _{mp})	8.53 A
Open Circuit Voltage (V _{oc})	47.43 V
Short Circuit Current (I _{sc})	8.98 A
Cell Efficiency	18.65 %

Mechanical Data

Cell Configuration	144 (12x12) Poly Half-Cells
Panel Dimensions	2000 x 992 x 40 mm
Weight	22.7 kg

Construction Materials

Junction Box IP68 • 3 Diodes	
Front Glass	2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy

Installation & Durability

Load Resistance	
	<ul style="list-style-type: none">• Max Wind Load: 2400Pa• Max Snow Load: 5400Pa
Output Cables	4mm ² cable, 90cm length with MC4 connectors

Warranty

Warranty Coverage	
	<ul style="list-style-type: none">• 12 Years Guarantee on material and workmanship• 30 Years Linear Power output warranty