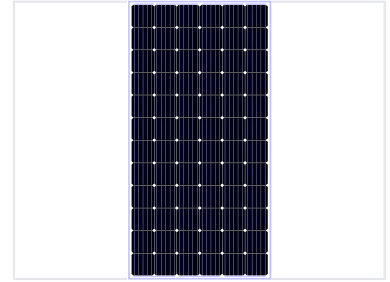


# 330W 30V Monocrystalline Solar Panel

This high-efficiency 330W monocrystalline solar panel is designed for optimal energy conversion. It is ideal for residential, commercial, and industrial solar power systems, providing excellent power output and withstanding harsh environmental conditions.



## Overview

### High-Efficiency Monocrystalline Solution

This 330W monocrystalline solar panel is engineered for high-performance energy conversion in residential, commercial, and industrial applications. Built with 60 high-efficiency cells and a robust anodized aluminum frame, it ensures long-term reliability even in harsh environmental conditions. The panel features high-transparency tempered glass and is backed by extensive performance warranties to guarantee consistent power output over decades.

## Performance Highlights

### Key Performance Metrics

**330 W**

Peak Power

**19.86 %**

Module Efficiency

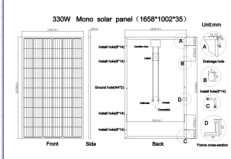
**21.83 %**

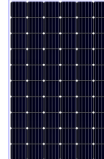
Cell Efficiency

## Electrical Specifications (STC)

Maximum Power Voltage (Vmp)	33.04 V
Maximum Power Current (Imp)	9.99 A
Open Circuit Voltage (Voc)	40.47 V
Short Circuit Current (Isc)	10.52 A

## Mechanical Characteristics





Specifications	Mechanical characteristics
<small>*STC: irradiance 1000 W/m<sup>2</sup>, AM 1.5, Gaird cell temperature of 25°C</small> Peak Power (P <sub>max</sub> ) 330.00 Maximum Power Voltage (V <sub>mp</sub> ) 33.04 Maximum Power Current (I <sub>mp</sub> ) 9.99 Open Circuit Voltage (V <sub>oc</sub> ) 40.67 Short Circuit Current (I <sub>sc</sub> ) 10.52 Cells Efficiency (η) 21.83 Module Efficiency (η) 19.86 <small>* NOCT: irradiance 800 W/m<sup>2</sup>, AM 1.5G, ambient temperature 20°C, wind speed 3 m/s</small>	Cell Type 158.75x158.75 Mono No. of Cells 60(6x10) Dimensions 1658*1002*35 Weight 18.6kg Front Glass 3mm High transmission low iron tempered glass Frame Anodized Aluminium Alloy Junction box IP65/IP67 Output cable 4mm <sup>2</sup> cable 90cm length MaxWind Load/Snow 2400Pa/5400Pa

Dimensional diagrams showing front, side, and back views along with comprehensive electrical and mechanical data.

<b>Cell Arrangement</b>	60 (6x10) Monocrystalline cells
<b>Cell Dimensions</b>	158.75 x 158.75 mm
<b>Panel Dimensions</b>	1658 x 1002 x 35 mm
<b>Weight</b>	18.6 kg

## Construction & Durability

<b>Junction Box Rating</b>	IP65 • IP67
<b>Mechanical Load Capacity</b>	<ul style="list-style-type: none"> <li>• Max Wind Load: 2400Pa</li> <li>• Max Snow Load: 5400Pa</li> </ul>
<b>Front Glass</b>	High transmission, low iron, tempered glass
<b>Frame</b>	Anodized Aluminium Alloy

## Connectivity

<b>Output Cables</b>	4mm <sup>2</sup> cable, 90cm length with MC4 connectors
----------------------	---

## Warranty

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