

# Monocrystalline Double Glazing Solar Panel

This monocrystalline solar panel has 60 cells and dimensions of 1658\*992\*6.5mm or 1658\*992\*35mm. It offers up to 320W maximum power at STC and module efficiency up to 19.5%.



## Product Overview

### High-Efficiency Double Glazing Solar Module

This monocrystalline solar module features 60 full-cut PERC cells designed for enhanced energy conversion and durability. With advanced surface treatment and a 5BB cell design, the module effectively reduces series resistance and improves overall efficiency. The double glazing construction ensures robust performance and longevity, making it an ideal choice for residential, commercial, and industrial solar power systems.

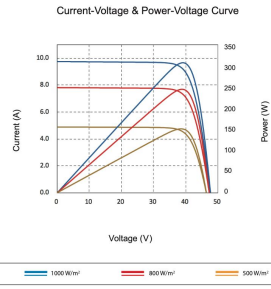
## Technical Specifications

Solar Cell Type	Monocrystalline PERC
Cell Dimensions	156.75 x 156.75 mm
Number of Cells	60
Maximum Module Efficiency	19.5 %
Operating Temperature Range	-40 °C to + 85 °C

## Electrical Characteristics (STC)

Power Output Options	300W, 305W, 310W, 315W, 320W
Power Tolerance	0 ~ +5W
Maximum System Voltage	1000V / 1500V DC
Maximum Series Fuse Rating	15 A

## Performance Metrics



Performance curves illustrating power output and voltage characteristics under varying irradiance levels.

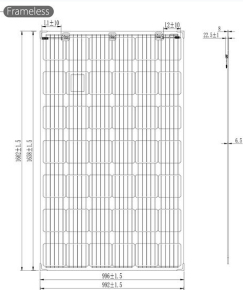
### Peak Performance Metrics (STC)

**320 W**  
Max Power

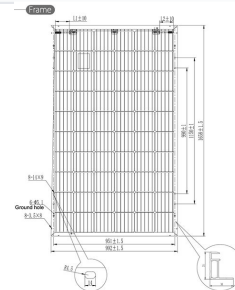
**40.5 V**  
Open-Circuit Voltage

**10.39 A**  
Short-Circuit Current

## Dimensions and Engineering



Technical diagram detailing the dimensions and mounting specifications for the frameless module variant.



Technical diagram detailing the dimensions and mounting hole configurations for the framed module variant.

### Module Dimensions

Configuration	Dimensions (mm)
Standard	1658 x 992 x 6.5
Framed	1658 x 992 x 35