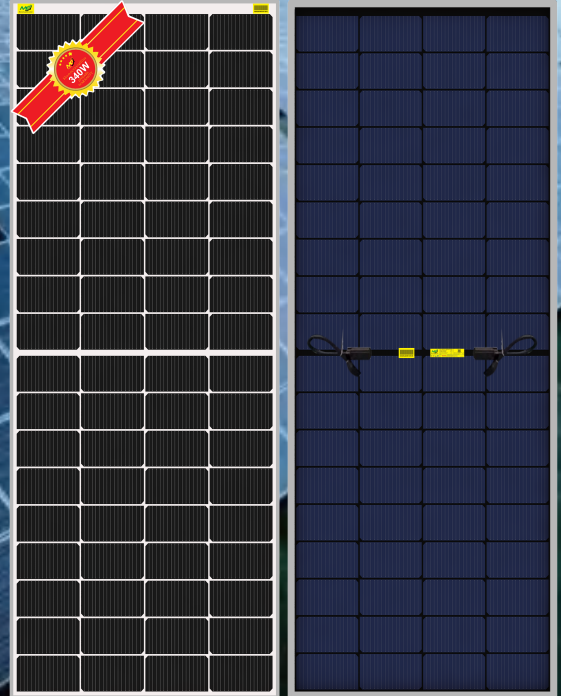




# MG Solar 340W

## Introduction

MG Solar 340W Panel module assembled with PERC cells, the configuration of the modules offers the advantages of higher power output, cells temperature-dependent performance reduced shadows effect on the energy generation lower risk of hot spot, as well as enhanced tolerance for mechanical loading.



### Higher Durability

The multi-busbar design can decrease the risk of the cell micro-cracks and fingers broken.



### PID Resistant

Tested in accordance to the standard IEC 62804, our PV modules have demonstrated resistance against PID (Potential Induced Degradation), which translates to security for your investment.



### High Power Density

High conversion efficiency and more power output persquare meter, by lower series resistance and improved light harvesting.

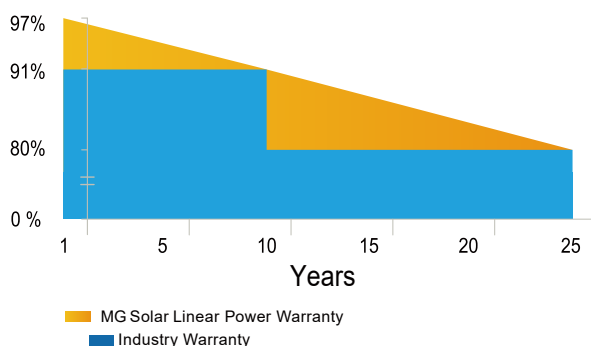


### Bigger Cells with better performance

A slight increase of the size of our cells, Boosts the performance of the newest modules by six percent on average.

## First-class Quality Assurance

- 5-year warranty for material and technology
- 25-year linear power output warranty

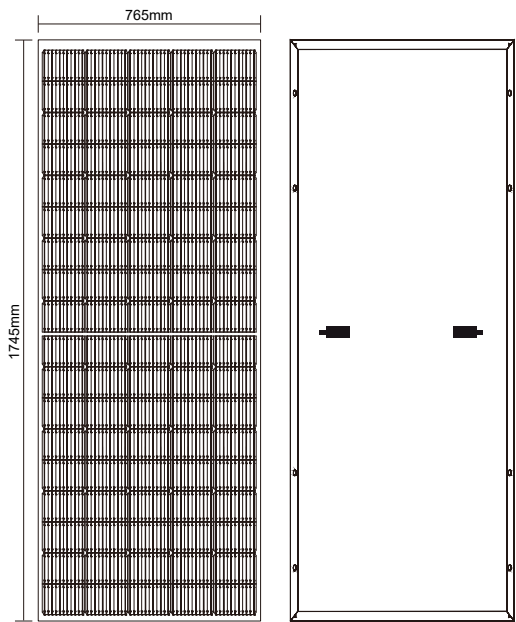


## Comprehensive Certificates

- IEC61215, IEC61730
- ISO9001:2015 Quality management systems
- ISO14001:2015 Environmental management systems
- ISO45001:2018 Occupational health and safety management systems



MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	14 Kg
Dimensions	1745mm*765mm*30mm
Cell Dimensions	182*91mm
Cell Amount	4*18pcs
Maximum System Voltage	1000V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	2.5mm²/700mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	MG-72-340N
Maximum Power (Pmax/W)	340
Open Circuit Voltage(Voc/V)	25.85
Short Circuit Current(Isc/A)	13.72
Maximun Power Voltage(Vmp/V)	21.75
Maximum Power Current(Imp/A)	13.11
Module Efficiency(%)	21.8

\* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

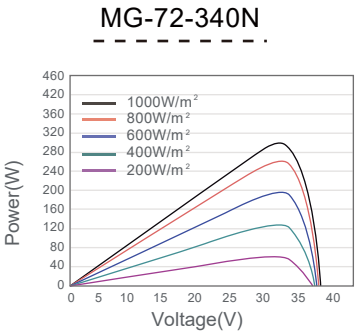
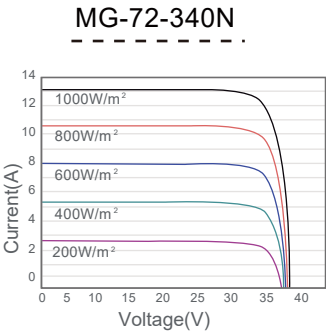
TEMPERATURE CHARACTERISTICS

NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

Modules/Pallet	2 or 31 Pieces	Modules/40HQ'Container	864 or 992 Pieces
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CHARACTERISTICS



MAXIMUM RATING

Output Tolerance	± 3 %
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa