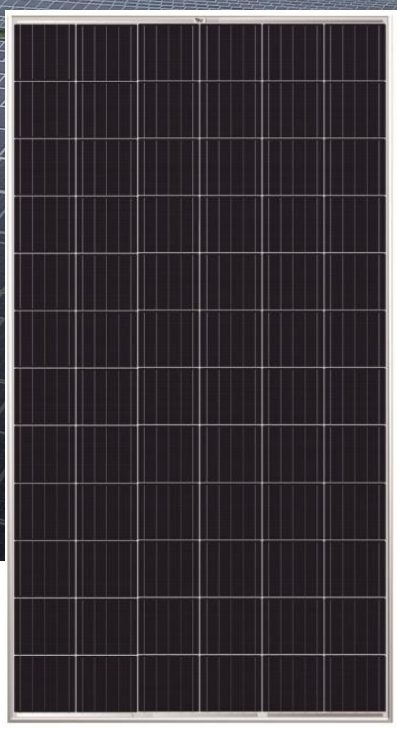




# GSM300-340WP6-72



### Maximum efficiency



17.53% conversion efficiency  
Up to 171W/m<sup>2</sup> power density

### Positive features



Multi Bar highlight efficiency  
0~+5W power tolerance  
96.5% low irradiance performance

### Sever quality control



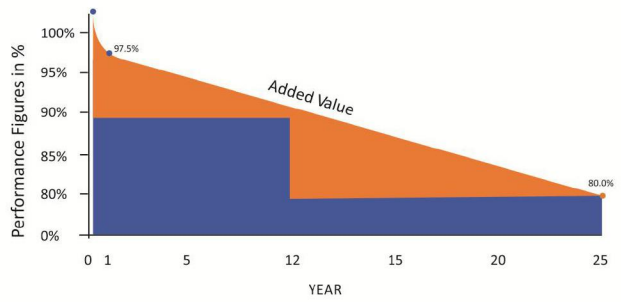
PID free  
100% EL strict examination

### Outstanding environment resistance



2400Pa wind load  
5400Pa snow load  
97km/h of 35mm hail stones

### Superior Warranty

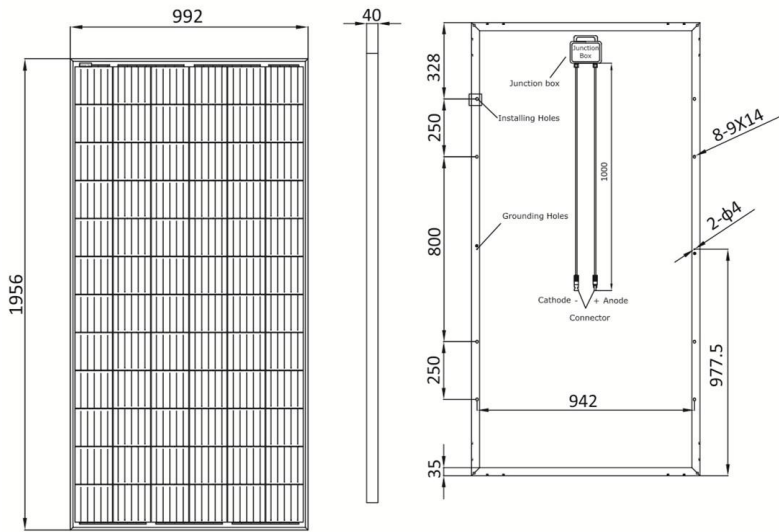


### Introduction

Great Solar, established in 2010, is a global leading professional PV module manufacturer, our products have been applied in residential, commercial and grounding solar photovoltaic power plant systems. Great Solar produces high-performance solar products, provides whole system solutions and technical support for best serving clients. We dedicate to satisfy clients' requirements in high quality solar panels for maximumly improving customers' revenue.



## MECHANICAL DIAGRAMS



## SPECIFICATIONS

Cell	Polycrystalline
NO. of Cells	72(6x12) Solar Cells
Frame	Anodized Aluminum Alloy
Glass	Low Iron, Tempered Glass, 3.2mm
Junction Box	IP67 Rated
Connector	MC4 Compatible
Dimension	1956x992x40mm
Weight	21.5kg

## ELECTRIC CHARACTERISTICS

Model	GSM300 P6-72	GSM305 P6-72	GSM310 P6-72	GSM315 P6-72	GSM320 P6-72	GSM325 P6-72	GSM330 P6-72	GSM335 P6-72	GSM340 P6-72
Max-power Pm(W)	300	305	310	315	320	325	330	335	340
Open-circuit voltage Voc(V)	45.20	45.35	45.44	45.56	45.69	45.80	45.86	45.90	45.94
Open-circuit current Isc(A)	8.79	8.85	8.88	8.93	8.99	9.03	9.08	9.13	9.16
Max-power voltage Vmp(V)	36.86	37.15	37.45	37.68	37.96	38.33	38.65	38.96	39.31
Max-power current Imp(A)	8.14	8.21	8.28	8.36	8.43	8.48	8.54	8.60	8.65

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5

## TEMPERATURE AND COEFFICIENTS

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient Of Pmax (%/°C)	-0.39
Temperature Coefficient Of Voc (%/°C)	-0.34
Temperature Coefficient Of Isc (%/°C)	0.09

## OPERATING CONDITIONS

Operating Temperature	-40~ + 85°C
Storage Temperature	-40~ + 85°C
Maximum Series Fuse Rating	15A
Maximum System Voltage	DC1000V

