

**Mono** GSM315-380WM6-72

**Maximum efficiency**



19.59% conversion efficiency  
Up to 188W/m<sup>2</sup> power density

**Positive features**



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

**Sever quality control**



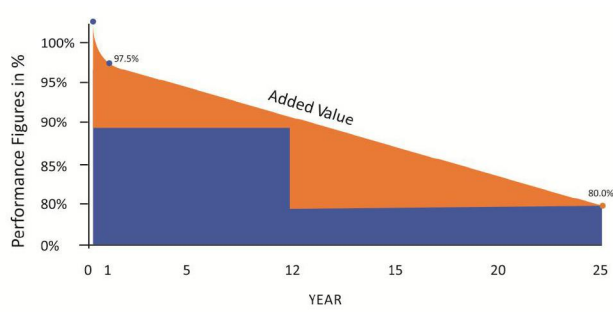
PID free  
100% EL strict examination

**Outstanding environment resistance**



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

Superior Warranty

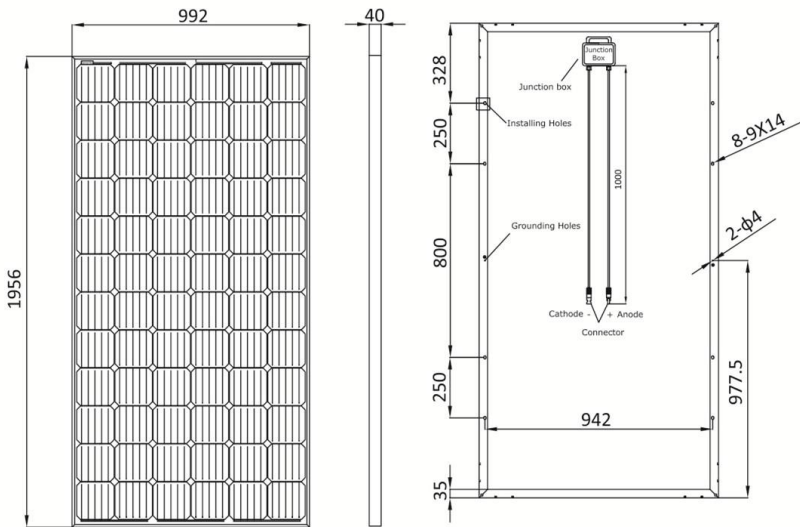


Introduction

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	Monocrystalline
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	GSM315 M6-72	GSM320 M6-72	GSM325 M6-72	GSM330 M6-72	GSM335 M6-72	GSM340 M6-72	GSM345 M6-72	GSM350 M6-72	GSM355 M6-72	GSM360 M6-72	GSM365 M6-72	GSM370 M6-72	GSM375 M6-72	GSM380 M6-72
Max-power Pm(W)	315	320	325	330	335	340	345	350	355	360	365	370	375	380
Open-circuit voltage Voc(V)	45.93	46.37	46.56	46.69	46.78	46.88	47.01	47.18	47.25	47.33	47.44	47.78	48.05	48.28
Open-circuit current Isc(A)	9.17	9.18	9.22	9.32	9.45	9.50	9.53	9.57	9.60	9.64	9.72	9.78	9.86	9.94
Max-power voltage Vmp(V)	37.06	37.48	37.88	38.07	38.47	38.78	39.12	39.38	39.72	39.96	40.2	40.49	40.72	40.91
Max-power current Imp(A)	8.50	8.54	8.58	8.67	8.71	8.77	8.82	8.89	8.94	9.01	9.08	9.14	9.21	9.29

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)	-0.37
Temperature Coefficient Of Voc (%/°C)	-0.32
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

