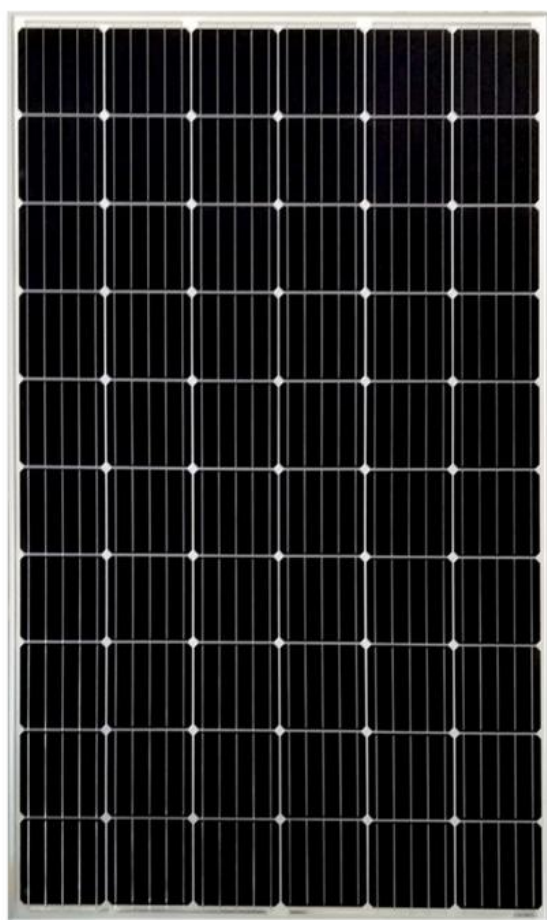
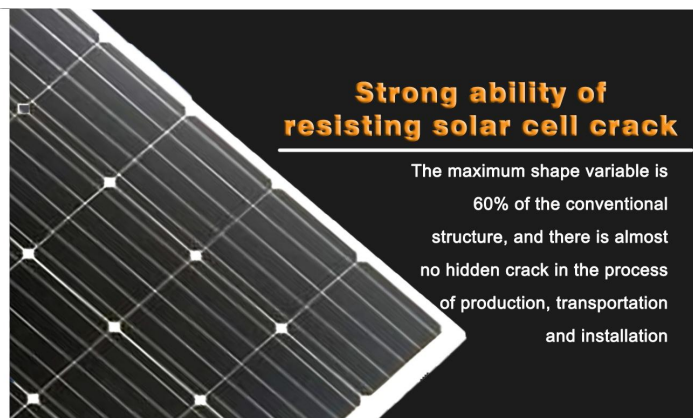


**25 years lifespan guarantee  
10 years warranty for materials and craft**



**IP68 Junction Box, Connector**

IP68 Junction Box and Connector have a high degree of waterproof, effectively resist the harsh environment



**15A current**

The junction box carries a current of 15A, ensuring high current flow through the modules



**Super strong frame**

Glue-spilled tank has a double-layer waterproof, cross-section with hook-shaped aluminum frame, enhanced by 10% of the mechanical load strength



**Current division**

The module refines the current division, thus effectively reducing the loss of up to 2% due to mismatch and increasing the power output of the system



**Salt spray, Ammonia and PID test**

resistanceExcellent salt spray ,anti-ammonia and anti PID, TUV, SUD certification approved



**Strong Mechanical load capacity** Passed the 2400pa wind load and 5400pa snow load test, ensuring that the module has a stable mechanical life



**Color Classification**

Modules are packaged according to color classification, to achieve consistent appearance after installation



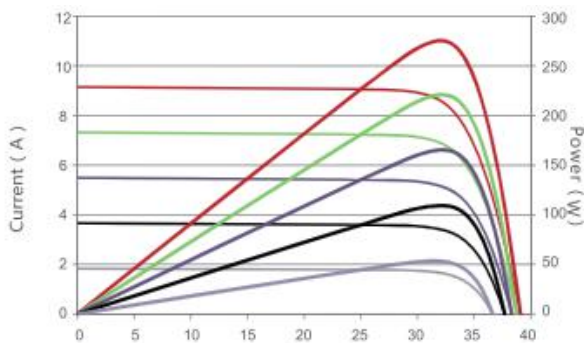
### Electrical Characteristics

Maximum power at STC (Pmax)	365W
Optimum operating voltage (Vmp)	36V
Optimum operating current (Imp)	10.1A
Open-circuit voltage (Voc)	43.2V
Short-circuit current (Isc)	11.49A
Short-circuit current temperature coefficient	(0.065±0.015) %/°C
Open-circuit voltage temperature coefficient	- (80±10) mV/°C
Peak power temperature coefficient	- (0.5±0.05) %/°C
NOCT (Air 20°C; Sun 0.8kW/m wind 1m/s)	47±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	1000V DC
Power tolerance	±3%

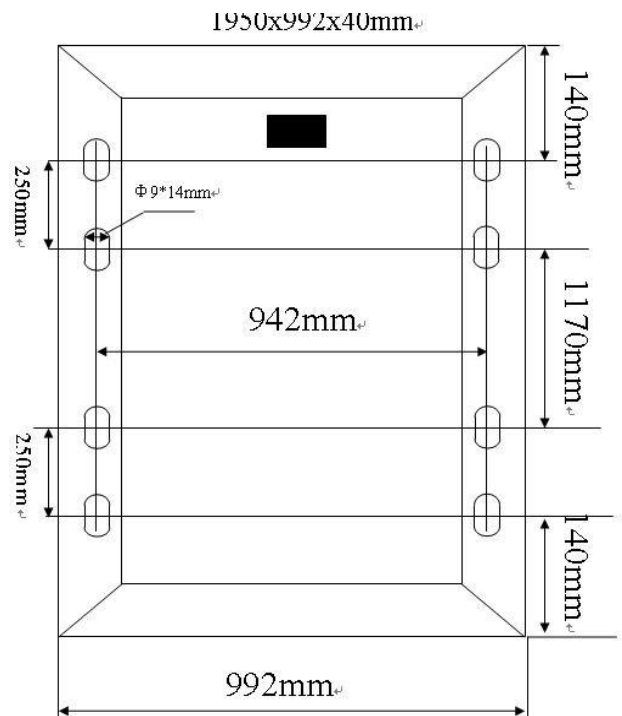
STC: Irradiance 1000W/m<sup>2</sup>, Module temperature 25°C, AM=1.5

### Features

- 21% high efficiency.
- Outstanding low-light performance.
- High transmission tempered glass.
- Rugged design to withstands high wind pressure and snow load, easy installation.
- Aesthetic appearance.
- Design to meet unique demand of customer.
- 25 year module output warranty.



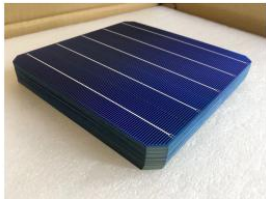


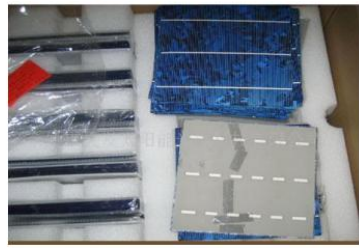
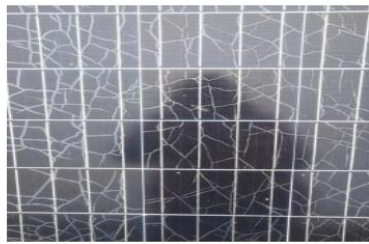
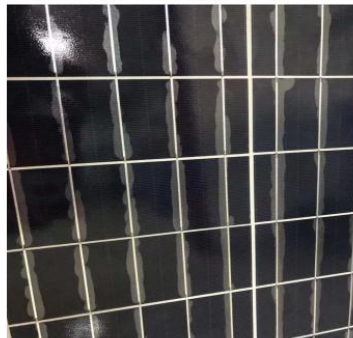


### Dimension



### Specification

Cell	Mono-crystalline silicon solar cells
No. of cell and connection	72 (6×12)
Dimension of module	1950mm×992mm×40mm
Quantity(Maximum)	320pcs for 20"GP / 620pcs for 40"GP / 696pcs for 40"HQ

**Why MARS solar panel quality is higher than another supplier?**

Mars	Another supplier	Consequence
<p>A grade Suntech/Longi solar cell</p> 	<p>B or C grade solar cell</p> 	<p>After some months usage,the solar panel electricity will decreased very fast,can not generate power.</p> 
<p>All solar cell are new and original</p> 	<p>second hand solar cell,and fix them by tap</p> 	<p>After some months usage,the solar cell will split,later will broken</p> 
<p>EVA thickness is 0.45mm,the weight is 800gram per sq meters.</p> 	<p>EVA thickness is 0.2mm ,the weight is 400gram per sq meters.</p> 	<p>After some months usgae,the solar panel will have bubble,solar panel electricity generation will come down very fast.</p> 
<p>Solar panel frame:use <b>1.5mm</b> thickness solar panel frame,it protect the solar panel during the shipping and installation.</p> 	<p>Solar panel frame:use 0.6-0.8mm thickness ,very weak during the shipping and installation.</p> 	<p>Solar panel glass damage,the solar panel is not waterproof any more.</p> 