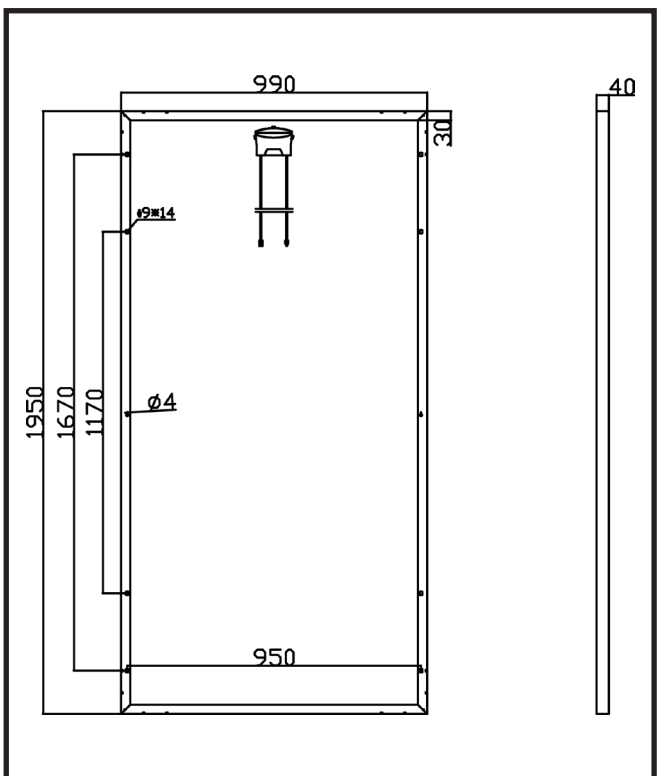
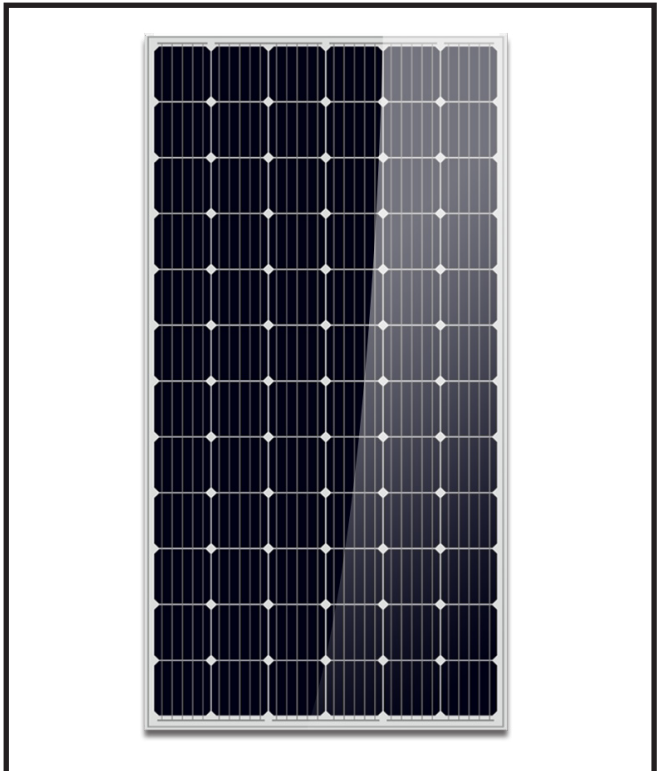


Monocrystalline Solar PV Module

SHENZHEN SHINE SOLAR CO.,LTD

72 Cells, 310–370W

The main features



Power and tolerance
0~+3W positive power tolerance guarantee



Resistance to the PID
Harsh conditions for 96 hours testing qualified (@ 85 °C / 85%).For special severity Installation environment, can meet higher standards



Stronger surface resistance to mechanical loads
It has passed the certification of 6000Pa snow load and 3600Pa wind load



High reliability and weather resistance
Through dust, salt fog, ammonia corrosion test, can effectively deal with the harsh environment

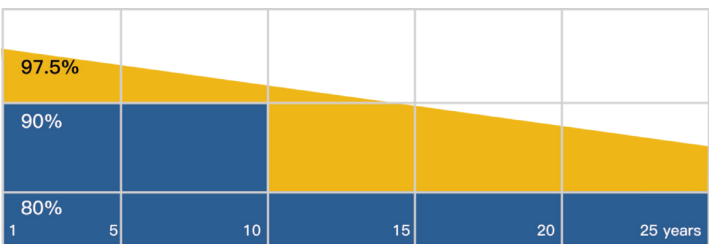


The hail test
It passed the hail test with a diameter of 45mm and a speed of 30.7m/s



Lower temperature coefficient
Better temperature coefficient makes the power attenuation less at high temperature

Best quality assurance



- Shine Solar linear power output warranty
- Industry quality assurance
- 12 years of product material and process quality assurance
- 25 years linear power output warranty



Power Range 310W~370W

MODEL	SN-M310	SN-M320	SN-M330	SN-M340	SN-M350	SN-M360	SN-M370
Maximum Power/Pmax(Wp)	310	320	330	340	350	360	370
Optimum Operating Voltage/Vmp(V)	36.00	36.10	36.20	36.30	36.50	36.70	37.40
Optimum Operating Current/Imp(A)	8.61	8.86	9.12	9.37	9.59	9.81	9.89
Open Circuit Voltage/Voc(V)	43.20	43.32	43.44	43.56	43.80	44.04	44.88
Short Circuit Current/Isc(A)	9.21	9.48	9.76	9.84	9.98	10.20	10.25
Cell Efficiency	17.69%	18.26%	18.83%	19.40%	19.97%	20.54%	21.12%
Module Efficiency	16.06%	16.58%	17.09%	17.61%	18.13%	18.65%	19.17%
Power Tolerance	0~+3W						
Maximum Series Fuse Rating(A)	15A						
Maximum System Voltage	1000VDC						

Maximum Data

Operating Module Temperature	-40°C to +80°C	°C
Storage Temperature	From -40°C to +80°C	°C
Insulation Cut Voltage	1000	DC
Maximum Wind Resistance	60m/s	N/m ² or max KM/h
Surface Maximum Load Capacity	200	Kg/m ²
Maximum Hail Load Capacity	5mm	80km/h

Mechanical Characteristics

Number of cells	72(12*6)
Cell Dimension(mm)	156*156
Dimension(mm)	1950*990*40
Weight(Kg)	21
Frame Material	Clear anodized aluminium frame
Thickness of Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Laminating Material	EVA (Light transmittance more than 92%)
Backsheet Material	TPT (High weather resistance)
Junction Box	Ip65 (1500V system voltage available)
Output cable	90cm 2x4.0mm ² MC4 connector
Bus Bar	5BB 6BB

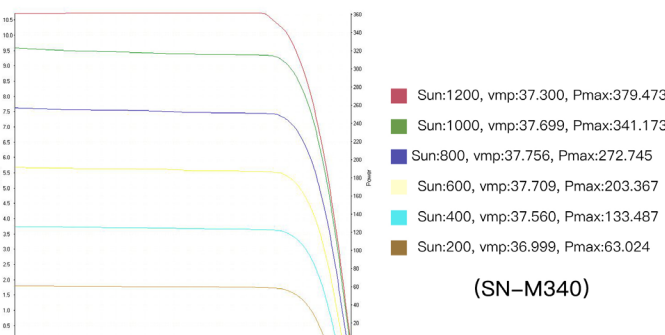
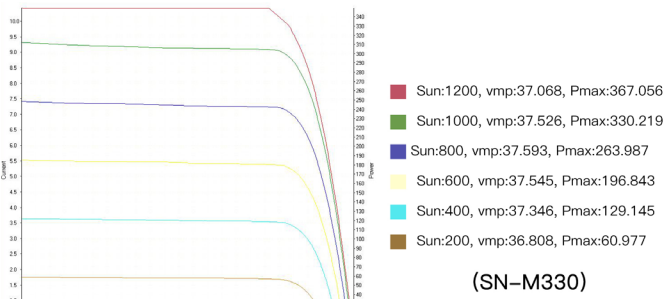
STC

AM Condition	AM1.5
Irradiance conditions	1000W/m ²
Temperature Cell	25°C

Temperature Characteristics

Nominal Operating Cell Temperature(NOTC)	45±2°C
Temperature Coefficient of Pmax	-0.45%/°C
Temperature Coefficient of Voc	-0.34%/°C
Temperature Coefficient of Isc	-0.050%/°C

I-V Curve



Packing Configuration

Container	20'GP	40'HQ
Pieces per container	260	680



Caution:The Installation, Operation and cleaning should be done by professional skills and qualified engineers. Please read the datasheet and Operation manual carefully before installing and Operating the PV modules.



info@shinesolartech.com



www.shinesolartech.com