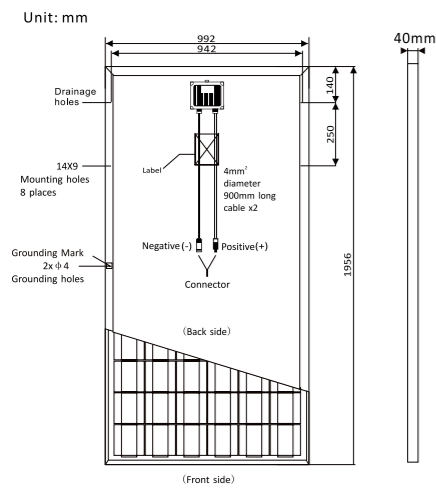


# 72x6"/300-350W

## MONO CRYSTALLINE MODULE



### Electrical Characteristics

Model	Pm(Wp)	Tolerance	Vm(V)	Im(A)	Voc(V)	Isc(A)	$\eta$
SYP300M	300W	+3%	35.80	8.37	44.80	8.73	> 15.46%
SYP310M	310W	+3%	36.00	8.61	44.90	8.73	> 15.99%
SYP320M	320W	+3%	36.90	8.67	45.40	9.15	> 16.49%
SYP330M	330W	+3%	37.20	8.87	45.90	9.18	> 16.98%
SYP340M	340W	+3%	37.90	8.97	46.70	9.42	> 17.41%
SYP350M	350W	+3%	38.50	9.09	47.20	9.53	> 17.85%

Valued at STC (AM 1.5, 1000W/m<sup>2</sup>, 25°C)

### Temperature Coefficients

Temperature Coefficient of VOC( $\beta$ )	-0.31%/°C
Temperature Coefficient of ISC( $\alpha$ )	+0.03%/°C
Temperature Coefficient of Pmax	-0.40%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

### Permissible Operating Conditions

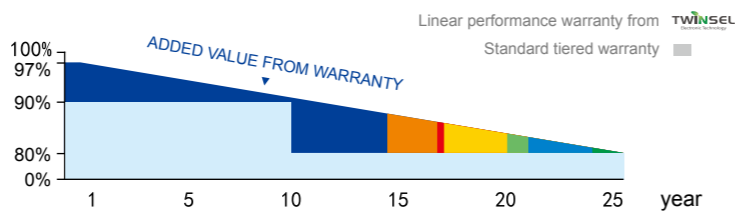
Maximum system voltage	1000VDC/1500VDC
Operating temperature	-40~+85°C
Snow load	Max 5400 Pa
Wind load	Max 120km/h

### Mechanical Characteristics

Number of mono crystalline solar cell	72pcsx6"
Aluminum frame, dimension	1956x992x40mm
Glass thickness	3.2mm
Weight	22.5kg
Junction box	IP65
Module	IP67
Tolerance of Rating	0~+3%
Number of bypass diodes	3

### Warranty

- 10 years with 100% product warranty
- 12 years 90% rated power output
- 25 years 82% rated power output



### Excellent Quality

Automatic production and testing processes;  
More than 18 IEC tests program in State-Level PV Laboratory of Twinselel;  
Third party liability and quality insurance;  
ISO9001,ISO14001 and OHSAS18001 management system.

### Easy for installation

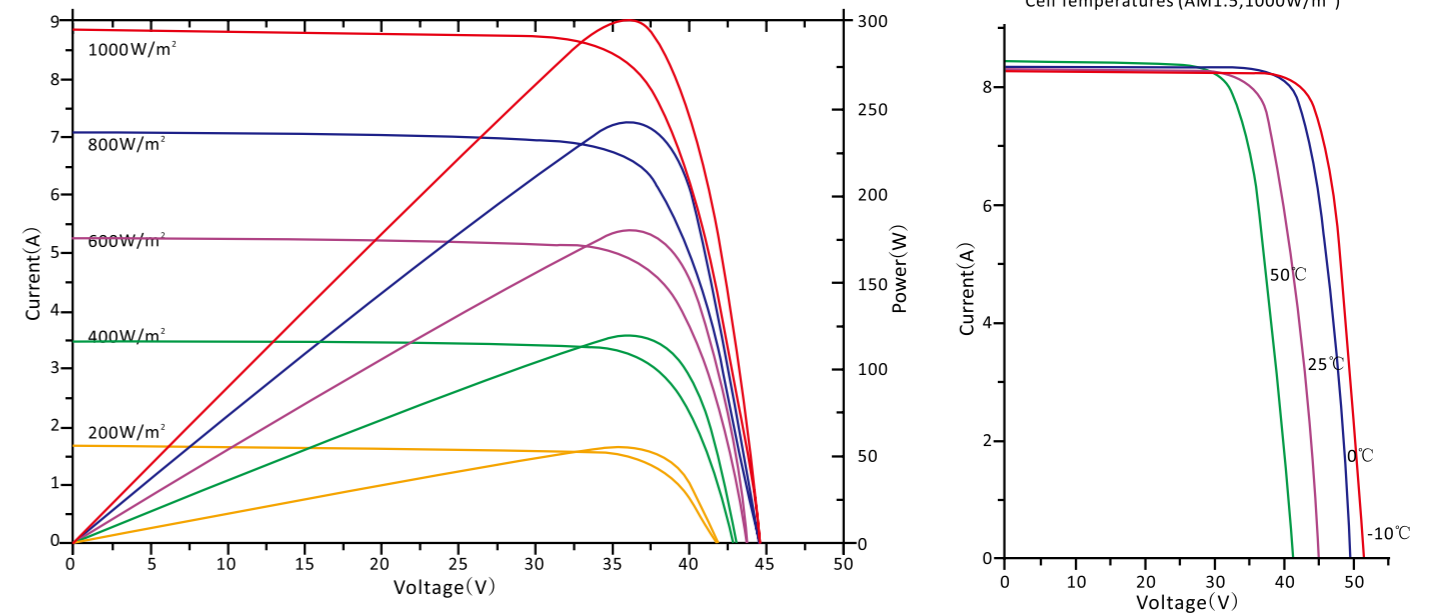
Low weight, convenient format;  
Horizontal and Vertical installation applicable;  
Compatible with all standard rooftop and ground mounting systems.

### Maximum Yield

Only Positive tolerance asserted;  
Photon test with TOP performance;  
Averagely,installed projects actual power yield is 5% higher than theoretical yield.



### SPY330M



Tempered Glass  
EVA (Ethylene Vinyl Acetate)  
Solar Cells  
EVA (Ethylene Vinyl Acetate)  
Backsheet

