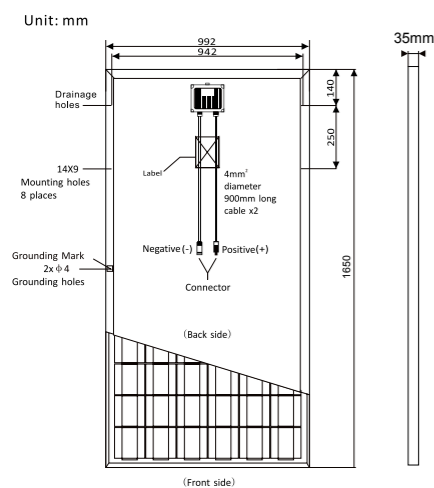


# 60x6"/250-290W

## MONO CRYSTALLINE MODULE



### Electrical Characteristics

Model	Pm(Wp)	Tolerance	Vm(V)	Im(A)	Voc(V)	Isc(A)	$\eta$
SYP250M	250W	+3%	30.40	8.25	37.50	8.59	> 15.30%
SYP260M	260W	+3%	30.50	8.53	37.50	8.77	> 15.96%
SYP270M	270W	+3%	30.90	8.74	37.90	9.38	> 16.60%
SYP280M	280W	+3%	31.30	8.95	38.70	9.47	> 17.20%
SYP290M	290W	+3%	31.70	9.14	39.50	9.56	> 17.80%

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

### Temperature Coefficients

Temperature Coefficient of VOC( $\beta$ )	-0.33%/°C
Temperature Coefficient of ISC( $\alpha$ )	+0.03%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

### Permissible Operating Conditions

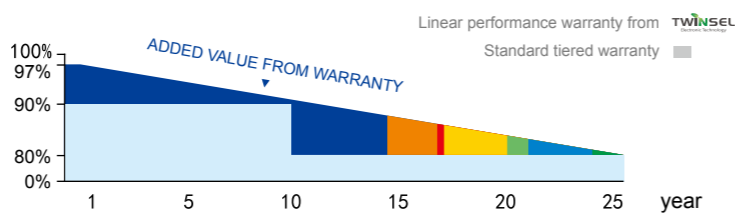
Maximum system voltage	1000VDC/1500VDC
Operating temperature	-40~+85°C
Snow load	Max 5400 Pa
Wind load	Max 120km/h

### Mechanical Characteristics

Number of mono crystalline solar cell	60pcsx6"
Aluminum frame, dimension	1650x992x35mm
Glass thickness	3.2mm
Weight	19kg
Junction box	IP65
Module	IP67x
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

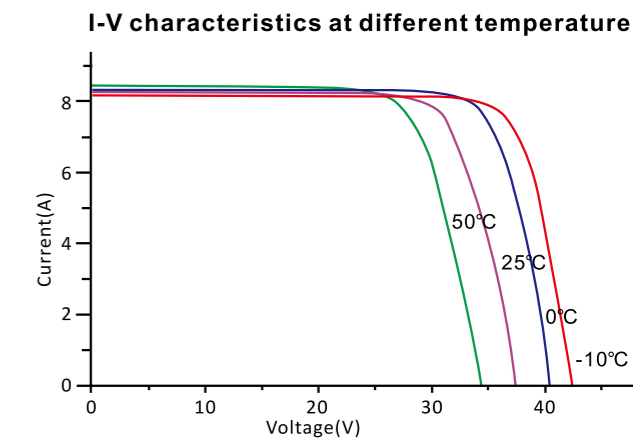
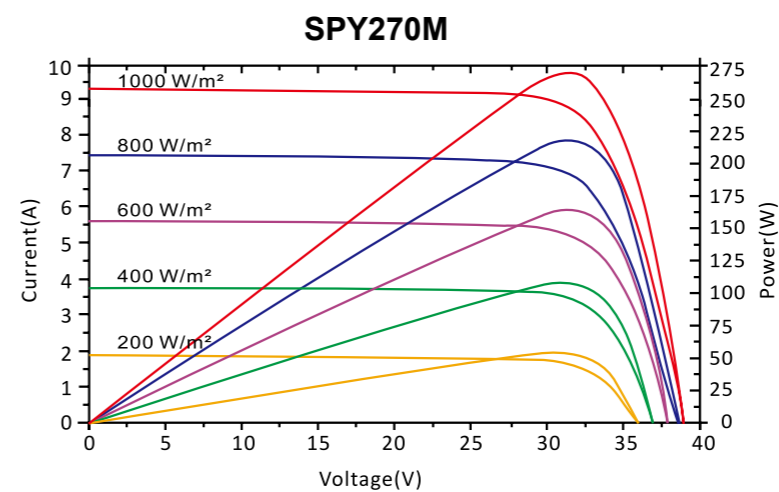
Automatic production and testing processes;  
 More than 18 IEC tests program in State-Level PV Laboratory of Twinsel;  
 Third party liability and quality insurance;  
 ISO9001, ISO14001 and OHSAS18001 management system.

### 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 assorted;  
 Photon test with TOP performance;  
 Averagely, installed projects actual power yield is 5% higher than theoretical yield.



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