

# 36x6"/130-160W

## POLY CRYSTALLINE MODULE

# 130-160 Watt

## POLY-CRYSTALLINE SOLAR PANEL



### Electrical Characteristics

Model	Pm(Wp)	Tolerance	Vm(V)	Im(A)	Voc(V)	Isc(A)
RSM36-6-130P	130W	+3%	17.6	7.41	21.8	8.03
RSM36-6-140P	140W	+3%	18.1	7.72	22.1	8.32
RSM36-6-150P	150W	+3%	18.3	8.20	22.3	8.81
RSM36-6-160P	160W	+3%	18.6	8.60	22.5	8.88

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

### Temperature Coefficients

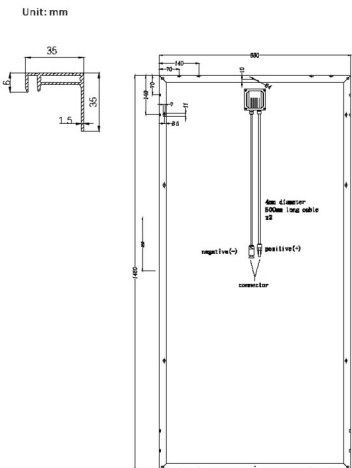
Temperature Coefficient of Voc(β)	-0.39%/°C
Temperature Coefficient of Isc(α)	+0.033%/°C
Temperature Coefficient of Pmax	-0.44%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

### Permissible Operating Conditions

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

### Mechanical Characteristics

Number of poly crystalline solar cell	36pcsx(156mmx156mm)
Aluminum frame, dimension	1480x680x35mm
Glass thickness	3.2mm
Weight	11.0kg
Junction box	IP65
Module	IP65
Tolerance of Rating	-3%~+3%
Number of bypass diodes	3



### Electrical Characteristics

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.

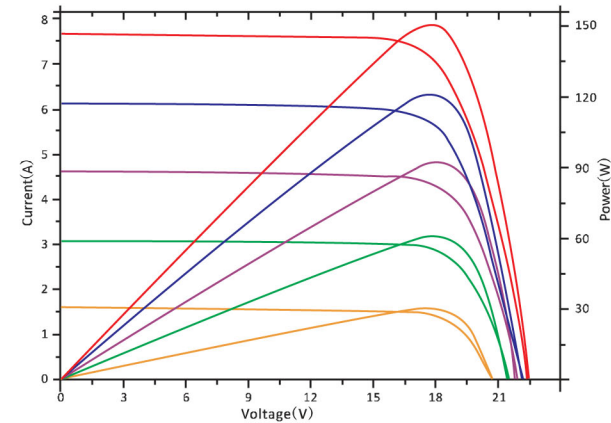
### Easy for installation

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

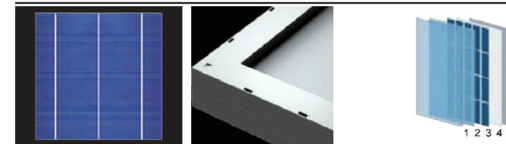
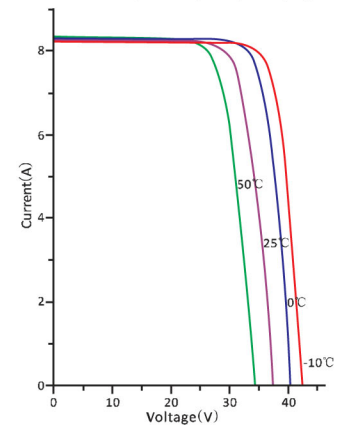
### Maximum Yield

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

Current-Voltage & Power-Voltage Curve (150W)



I-V Curves of PV Module at Different Cell Temperatures (AM1.5, 1000W/m<sup>2</sup>)



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