

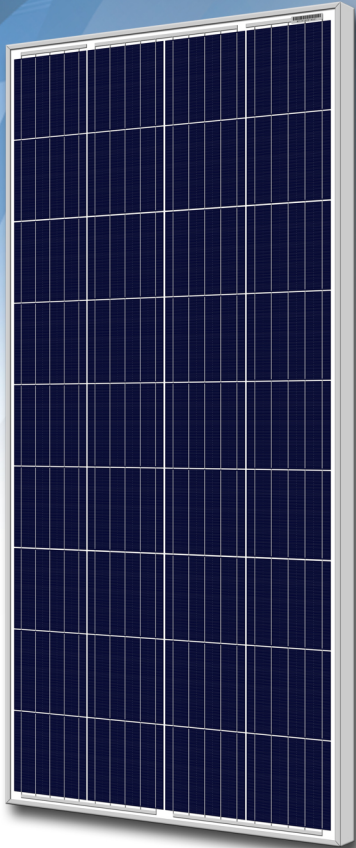
# Green Technology Creates Golden Future

## PV-Module

10 years professional brand, 10 years quality pursue  
10 years professional photovoltaic products manufacturer

## P3 series

### Polycrystalline Module



**MYP3036-180**

**MYP3036-175**

**MYP3036-170**

**MYP3036-165**

**MYP3036-160**

### KEY FEATURES



#### 5/6/9 Busbar Solar Cell

5/6/9 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



#### High Efficiency

Higher module conversion efficiency (up to 17.65%) benefit from Passivated Emitter Rear Contact (PERC) technology.



#### PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production.



#### Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.



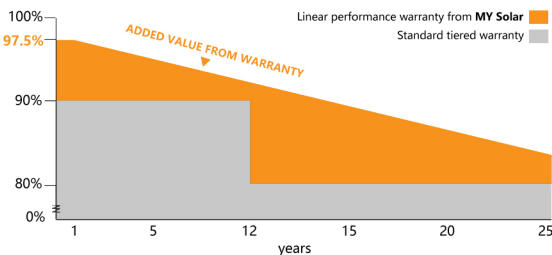
#### Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



#### Durability Against Extreme Environmental Conditions

Resistance to high salt mist and ammonia.



- 25 25-year performance warranty
- 12 12-year warranty on materials and workmanship

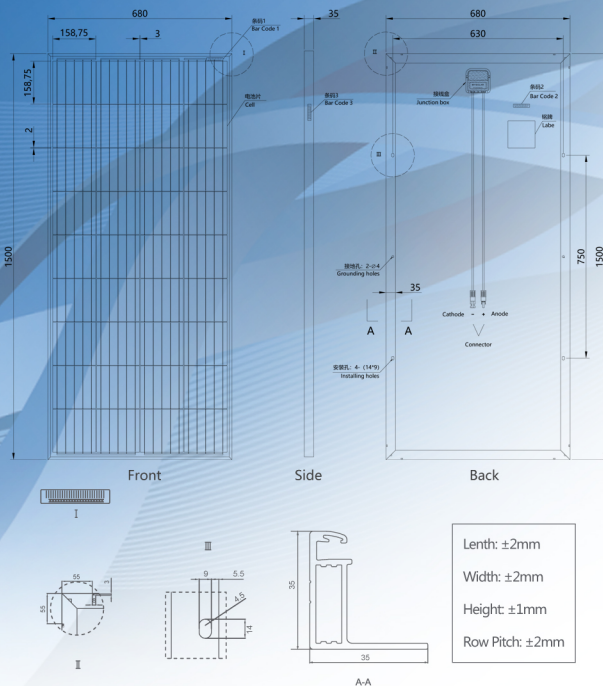
Product quality standards with reference to



[www.mypvtech.com](http://www.mypvtech.com)

M/MY-PD-CH-ENG20200101

## Engineering Drawings



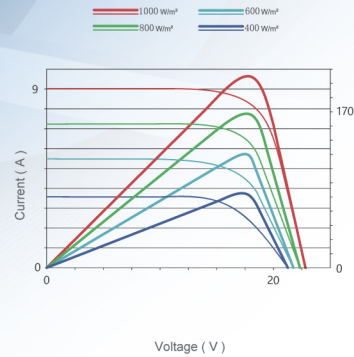
## Packaging Configuration

(Two pallets=One stack)

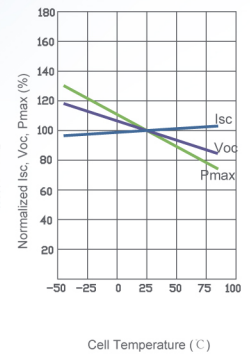
610pcs/20'GP, 1252pcs/40'GP, 1429pcs/40'HQ

## Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves(170W)



Temperature Dependence of Isc, Voc, Pmax



## Mechanical Characteristics

Cell Type	Poly PERC 158.75 x 158.75mm
No. of cells	36 Cells (4x9)
Dimensions	1500x680x35mm(59.06x26.77x1.38 inch)
Weight	11.3kg(24.91 lbs)
Front Glass	3.2mm , Anti-Reflection Coating , High Transmission , Low Iron , Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TUV 1x4.0mm <sup>2</sup> ,Length 900mm or Customized Length

## SPECIFICATIONS

Module Type	MYP3036-160		MYP3036-165		MYP3036-170		MYP3036-175		MYP3036-180	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax)	160	118.5	165	122.2	170	125.9	175	129.6	180	133.3
Maximum Power Voltage(Vmp)	18.6	17.3	18.7	17.3	18.9	17.5	19.0	17.6	19.2	17.8
Maximum Power Current(Imp)	8.60	6.87	8.82	7.04	8.99	7.18	9.21	7.35	9.38	7.48
Open-circuit Voltage(Voc)	22.7	21.1	22.8	21.2	23.1	21.4	23.2	21.5	23.4	21.8
Short-circuit Current(Isc)	9.09	7.39	9.33	7.58	9.51	7.73	9.74	7.91	9.91	8.05
Module Efficiency STC(%)	15.69%		16.18%		16.67%		17.16%		17.65%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum System Voltage	1000VDC(IEC)									
Maximum Series Fuse Rating	20A									
Power Tolerance	0~+5Wp									
Temperature Coefficients of Pmax	-0.37%/°C									
Temperature Coefficients of Voc	-0.29%/°C									
Temperature Coefficients of Isc	-0.048%/°C									
Nominal Operating Cell Temperature(NOCT)	45 $\pm$ 2°C									

STC: Irradiance 1000W/m<sup>2</sup>

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m<sup>2</sup>

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

\* Power measurement tolerance:  $\pm 3\%$

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