

# Green Technology Creates Golden Future

## PV-Module

## M2 series

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

## Monocrystalline Module



**MYM2036-165**

**MYM2036-160**

**MYM2036-155**

**MYM2036-150**

**MYM2036-145**

### 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 19.7%) 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.



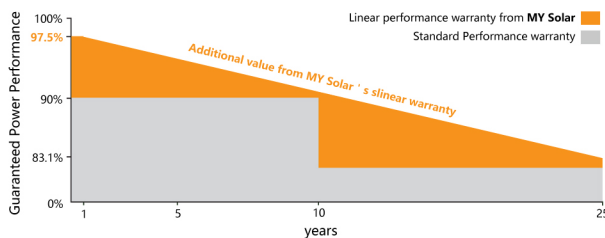
#### Severe Weather Resilience

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

**10** 10-year warranty on materials and workmanship

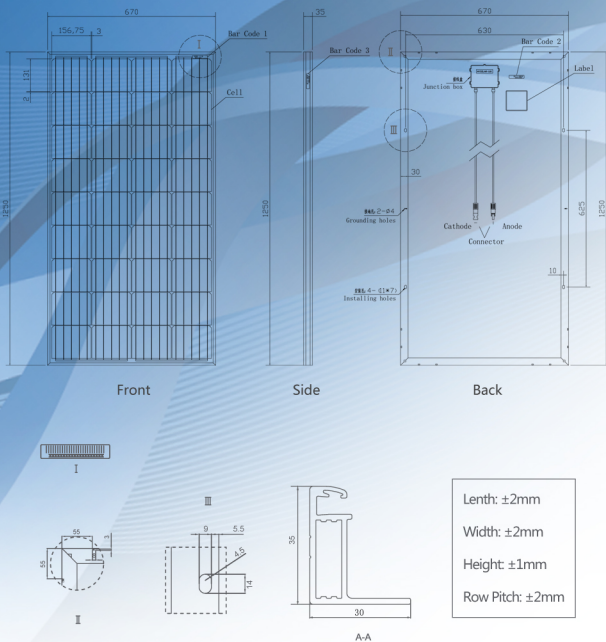
Product quality standards with reference to



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

M/MY-PD-CH-ENG2020603

## Engineering Drawings



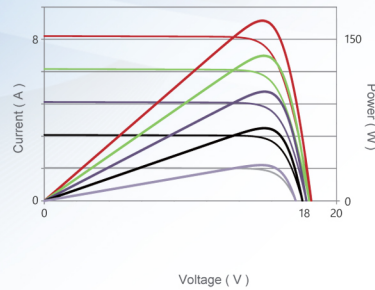
## Packaging Configuration

(Two pallets=One stack)

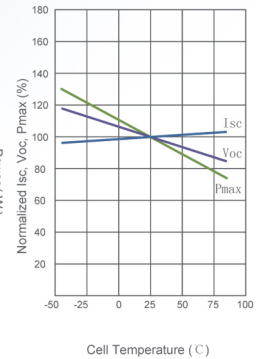
671pcs/20'GP , 1332pcs/40'GP , 1568pcs/40'HQ

## Electrical Performance & Temperature Dependence

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



Temperature Dependence of Isc,Voc,Pmax



## Mechanical Characteristics

Cell Type	Mono 156.75x130.625mm
No.of cells	36(4x9)
Dimensions	1250x670x35mm(49.21x26.38x1.38 inch)
Weight	9.3kg(20.5 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 650mm or Customized Lenght

## SPECIFICATIONS

Module Type	MYM2036-165		MYM2036-160		MYM2036-155		MYM2036-150		MYM2036-145	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax)	165	121.4	160	117.7	155	114.1	150	110.4	145	106.7
Maximum Power Voltage(Vmp)	19.9	18.5	19.8	18.4	19.7	18.3	19.5	18.2	19.3	18.0
Maximum Power Current(Imp)	8.29	6.55	8.08	6.39	7.87	6.22	7.69	6.08	7.51	5.94
Open-circuit Voltage(Voc)	24.5	22.6	24.4	22.5	24.2	22.4	24.0	22.2	23.7	21.9
Short-circuit Current(Isc)	8.70	7.00	8.48	6.82	8.25	6.64	8.07	6.49	7.88	6.34
Module Efficiency STC(%)	19.7%		19.1%		18.5%		17.9%		17.3%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum System Voltage	600VDC(IEC)									
Maximum Series Fuse Rating	10A									
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±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: ± 3%

## MY SOLAR TECHNOLOGY CO.,LTD.

Add : No18,Yanxing Road,Yanqiao,Huishan Economic Development District,Wuxi

Tel : +86 510 8299 1188

Fax : +86 510 8299 1688

E-mail : mypvtech@hotmail.com



www.mypvtech.com

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