

# Green Technology Creates Golden Future

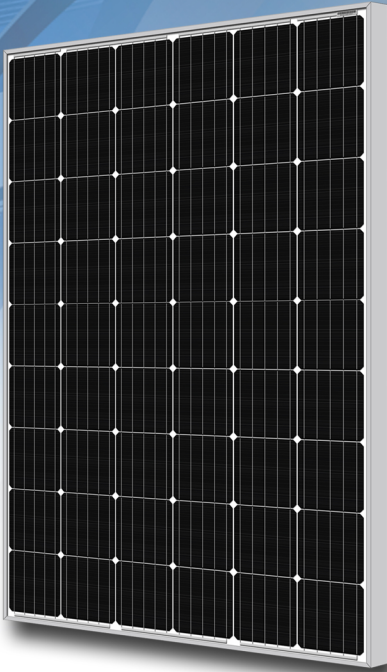
## PV-Module

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

## M2 series

### Monocrystalline Module

#### MYM2054-270



### 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 21.2%) 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.



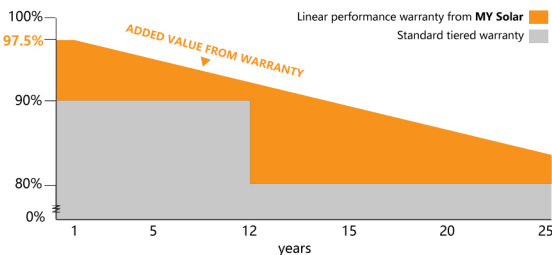
#### Severe Weather Resilience

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

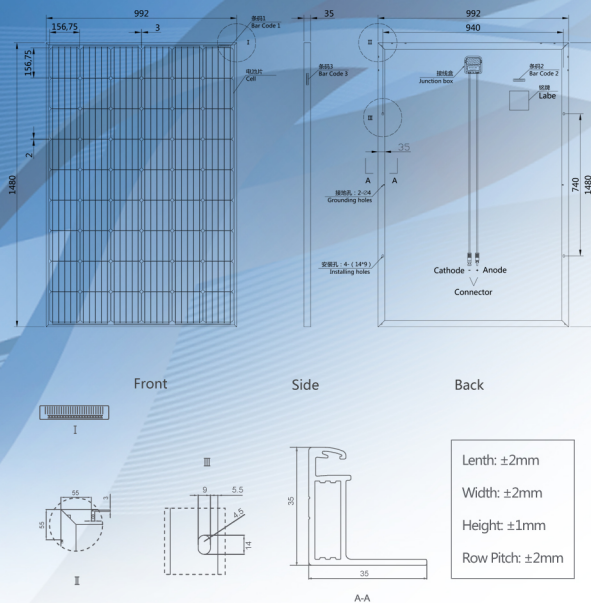
Product quality standards with reference to



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

M/MY-PD-CH-ENG20200101

## Engineering Drawings



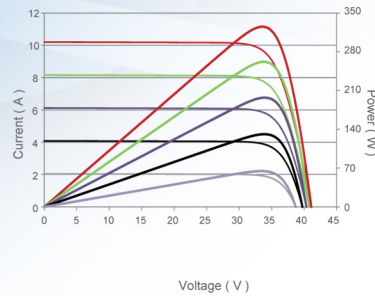
## Packaging Configuration

(Two pallets=One stack)

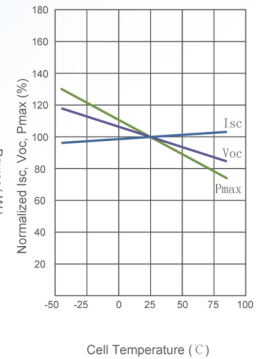
900pcs/40' HQ Container

## Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (325W)



Temperature Dependence of Isc, Voc, Pmax



## Mechanical Characteristics

Cell Type	Mono PERC 156.75 x 156.75mm
No. of cells	54 Cells (6x9)
Dimensions	1480x992x35mm(58.27x39.06x1.38 inch)
Weight	19.0 kg(41.89 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	MYM2054-270
	STC NOCT
Maximum Power(Pmax)	270 200.00
Maximum Power Voltage(Vmp)	28.89 26.80
Maximum Power Current(Imp)	9.35 7.46
Open-circuit Voltage(Voc)	34.84 32.80
Short-circuit Current(Isc)	9.75 8.02
Module Efficiency STC(%)	21.20%
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%

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