

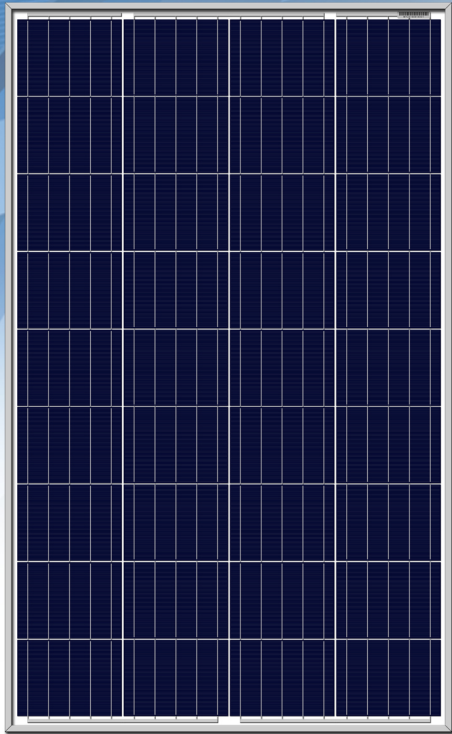
Green Technology Creates Golden Future

PV-Module

G1 series

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

Monocrystalline Module



MYG1036-150

MYG1036-145

MYG1036-140

MYG1036-135

MYG1036-130

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 19.9%) 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.



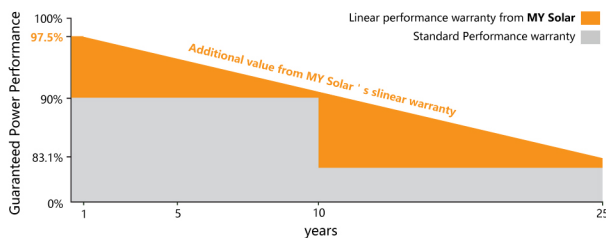
Severe Weather Resilience

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



Durability Against Extreme Environmental Conditions

Resistance to high salt mist and ammonia.

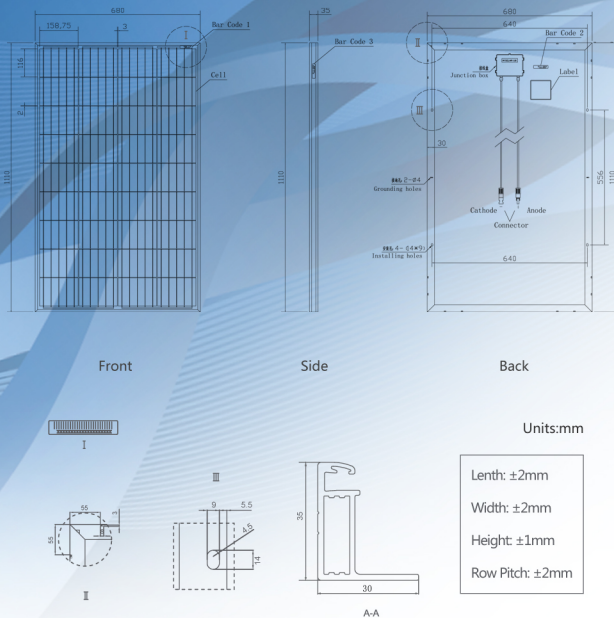


- 25 25-year performance warranty
- 10 10-year warranty on materials and workmanship

Product quality standards with reference to



Engineering Drawings



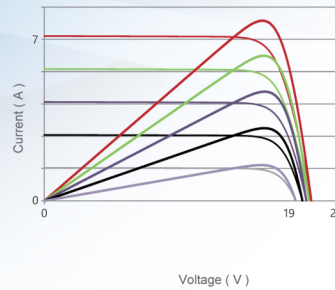
Packaging Configuration

(Two pallets=One stack)

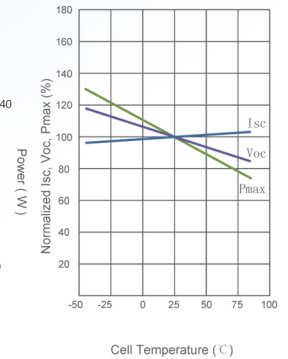
848pcs/20'GP , 1696pcs/40'GP , 1984pcs/40'HQ

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves(140W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type	Mono 158.75x116mm
No. of cells	36(4x9)
Dimensions	1110x680x35mm(43.70x26.77x1.38 inch)
Weight	8.4kg(18.5 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 1x2.5mm ² , Length 900mm or Customized Length

SPECIFICATIONS

Module Type	MYG1036-150		MYG1036-145		MYG1036-140		MYG1036-135		MYG1036-130	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax)	150	110.4	145	106.7	140	103.0	135	99.3	130	95.7
Maximum Power Voltage(Vmp)	19.9	18.5	19.7	18.3	19.5	18.2	19.3	18.0	19.1	17.8
Maximum Power Current(Imp)	7.54	5.96	7.36	5.82	7.18	5.68	6.99	5.53	6.81	5.38
Open-circuit Voltage(Voc)	24.5	22.6	24.2	22.4	24.0	22.2	23.7	21.9	23.5	21.7
Short-circuit Current(Isc)	7.91	6.36	7.72	6.21	7.53	6.06	7.34	5.90	7.14	5.74
Module Efficiency STC(%)	19.9%		19.2%		18.5%		17.9%		17.2%	
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/m²

🔌 Cell Temperature 25°C

☁ AM=1.5

NOCT: ☀ Irradiance 800W/m²

🔌 Ambient Temperature 20°C

☁ AM=1.5

🌀 Wind Speed 1m/s

* Power measurement tolerance: ± 3%