

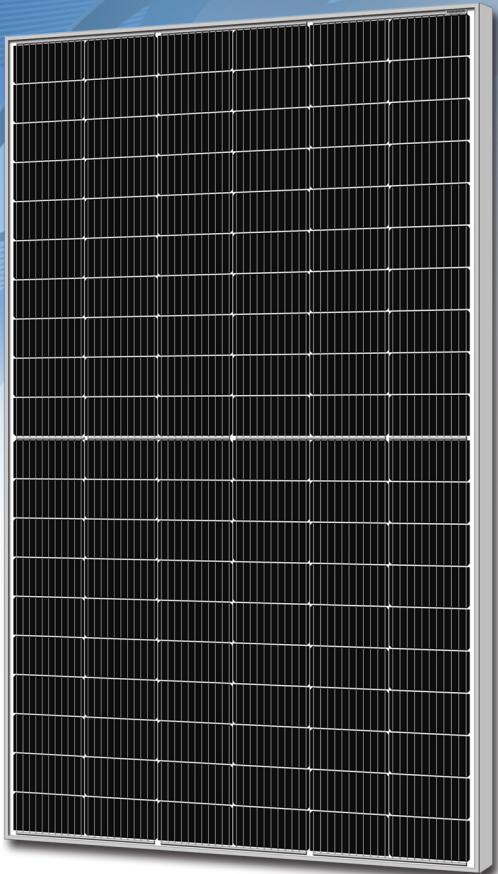
Green Technology Creates Golden Future

PV-Module

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

M10 series

Monocrystalline Module



MYM1060-455

MYM1060-450

MYM1060-445

MYM1060-440

MYM1060-435

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 21.05%) 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.



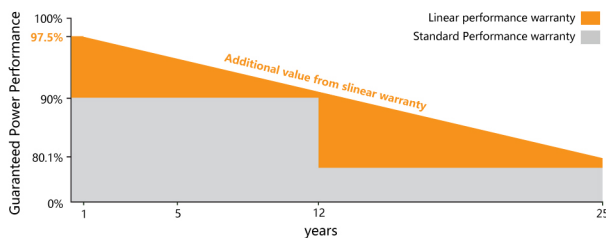
Severe Weather Resilience

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



Durability Against Extreme Environmental Conditions

Resistance to high salt mist and ammonia.

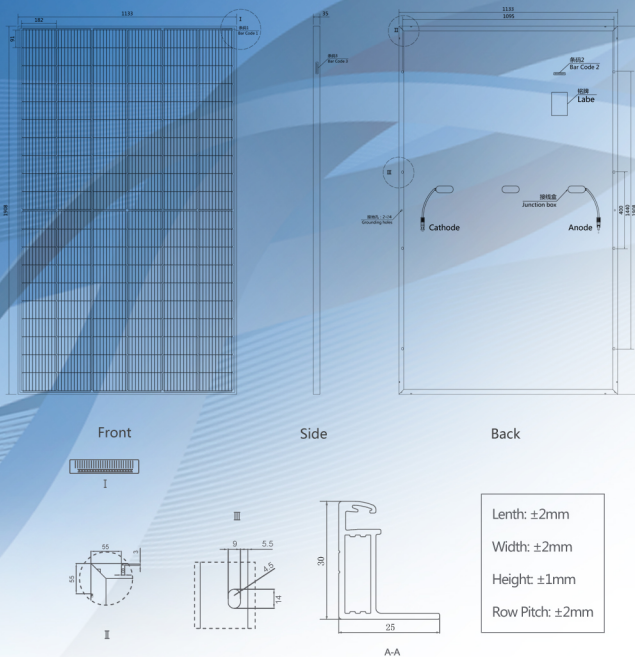


- 25 25-year performance warranty
- 12 12-year warranty on materials and workmanship

Product quality standards with reference to



Engineering Drawings



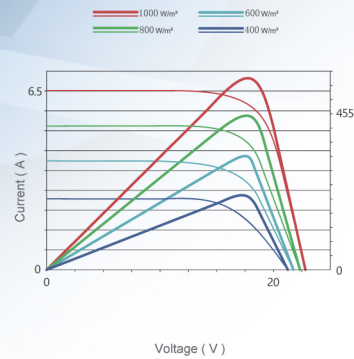
Packaging Configuration

(Two pallets=One stack)

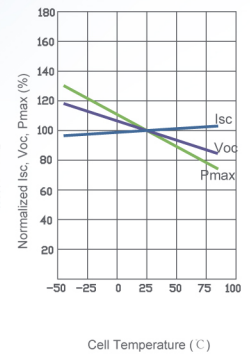
720pcs/40'HC

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves(455W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type Mono PERC 182 x 91mm

No. of cells 120 Cells (6x20)

Dimensions 1908x1133x35mm(75.12x44.61x1.38 inch)

Weight 24 kg(52.91lbs)

Front Glass 3.2mm , Anti-Reflection Coating , High Transmission , Low Iron , Tempered Glass

Frame Anodized Aluminium Alloy

Junction Box IP≥68 ,TÜV & UL

Output Cables 3R+4mm²+350mm or Customized Length

SPECIFICATIONS

Module Type	MYM1060-435		MYM1060-440		MYM1060-445		MYM1060-450		MYM1060-455	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax)	435	323.74	440	327.46	445	331.18	450	334.90	455	338.63
Maximum Power Voltage(Vmp)	41.38	39.06	41.44	39.12	41.50	39.17	41.56	39.23	41.62	39.29
Maximum Power Current(Imp)	13.41	10.83	13.55	10.94	13.67	11.04	13.81	11.15	13.95	11.26
Open-circuit Voltage(Voc)	34.16	31.78	34.21	31.83	34.26	31.87	34.31	31.92	34.36	31.97
Short-circuit Current(Isc)	12.74	10.19	12.87	10.29	12.99	10.39	13.12	10.49	13.25	10.60
Module Efficiency STC(%)	20.13%		20.36%		20.59%		20.82%		21.05%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum System Voltage	1500VDC(IEC)									
Maximum Series Fuse Rating	25A									
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%