

TWINPLUS MODULE SERIES

HIGH EFFICIENCY MONO-PERC M4-9B-R

360-380W



OUTSTANDING PRODUCT PERFORMANCE

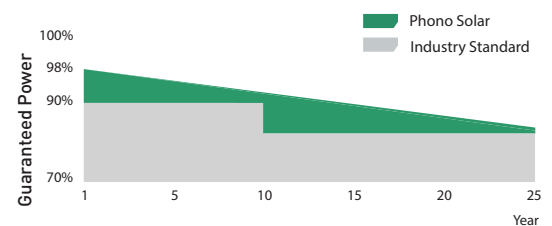
- Competitive high-temperature performance with ameliorated temperature coefficient
- Minimized power loss in cell connection
- Better performance under shading effect
- Decreased nominal operating cell temperature to $45 \pm 2^{\circ}\text{C}$
- Higher power generation with multi-busbar and half-cut technology

TRUSTWORTHY QUALITY AND RELIABILITY

- Guaranteed 0~+5W positive tolerance secures reliable power output
- 5400Pa maximum snow load, 2400Pa maximum wind load
- Optimized electrical design lowers hot spot risk and operating current

PID RESISTANT

- Industry-leading cell processing technology and electrical design ensure solid PID resistance



12-year Product Warranty | 25-year Linear Performance Warranty

MANAGEMENT SYSTEM CERTIFICATES

IEC 61215, IEC 61730
 ISO 9001:2015 / Quality management system
 ISO 14001:2015 / Standards for environmental management system
 ISO 45001:2018 / International standards for occupational health & safety

Bloomberg Tier¹
 NEW ENERGY FINANCE



ELECTRICAL TYPICAL VALUES

Model	PS360M4-20/UH		PS365M4-20/UH		PS370M4-20/UH		PS375M4-20/UH		PS380M4-20/UH	
	PS360M4H-20/UH		PS365M4H-20/UH		PS370M4H-20/UH		PS375M4H-20/UH		PS380M4H-20/UH	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (P _{mpp})	360	268	365	272	370	275	375	279	380	283
Rated Current (I _{mpp})	10.68	8.63	10.75	8.69	10.82	8.74	10.89	8.80	10.96	8.86
Rated Voltage (V _{mpp})	33.71	31.04	33.96	31.26	34.20	31.49	34.44	31.71	34.68	31.93
Short Circuit Current (I _{sc})	11.15	9.01	11.23	9.07	11.31	9.14	11.40	9.21	11.49	9.28
Open Circuit Voltage (V _{oc})	40.69	38.41	40.81	38.52	40.97	38.68	41.18	38.87	41.37	39.05
Module Efficiency (%)	19.66		19.94		20.21		20.48		20.76	

STC(Standard Testing Conditions):Irradiance 1000W/m², AM 1.5, Cell Temperature 25°C

NOCT (Nominal Operation Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/S

MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline 166mm x 83mm
Dimension (L× W × H)	Length: 1762mm (69.37 inch)
	Width: 1039mm (40.91 inch)
	Height: 30mm (1.18 inch)
Weight	19.8kg (43.65 lbs)
Front Glass	3.2mm Toughened Glass
Frame	Anodized Aluminium Alloy
Cable (Including Connector)	4mm ² (IEC), (+):450mm,(-):250mm or Customized Length
Junction Box	IP 68 Rated

TEMPERATURE RATINGS

Voltage Temperature Coefficient	-0.28%/°C
Current Temperature Coefficient	+0.05%/°C
Power Temperature Coefficient	-0.35%/°C
Tolerance	0~+5w
NOCT	45±2°C

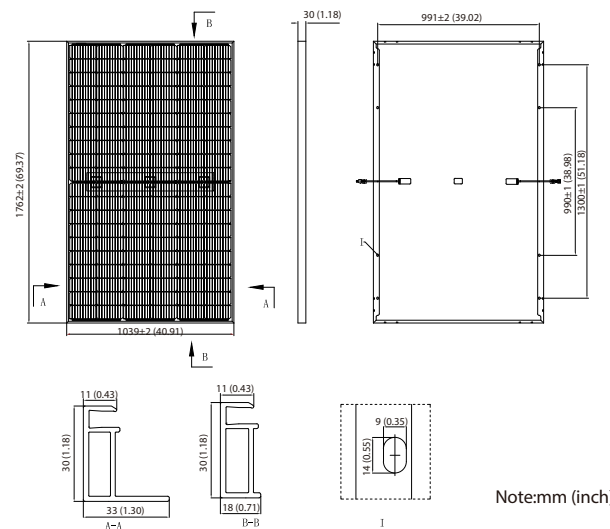
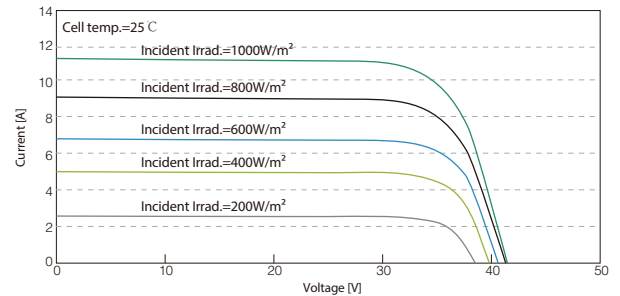
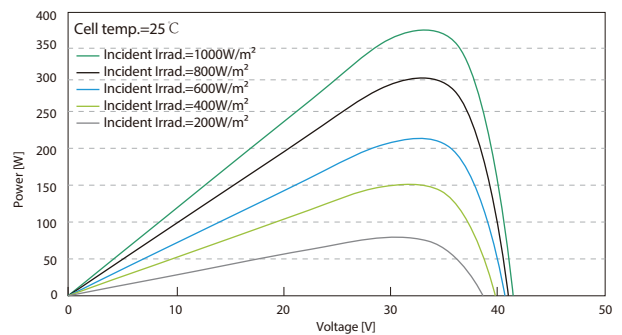
ABSOLUTE MAXIMUM RATING

Operating Temperature	From -40 to +85°C
Hail Diameter @ 80km/h	Up to 25mm
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Maximum Series Fuse Rating	20A
PV Module Classification	II
Fire Rating (IEC 61730)	C
Maximum System Voltage	DC 1500V/1000V

PACKING CONFIGURATION

Container	20' GP	40' HQ
Pieces/Container	336	936

ELECTRICAL CHARACTERISTICS



Note:mm (inch)