

TWINPLUS MODULE SERIES

HIGH EFFICIENCY MONO-PERC M4-9B-R

355-375W



OUTSTANDING PRODUCT PERFORMANCE

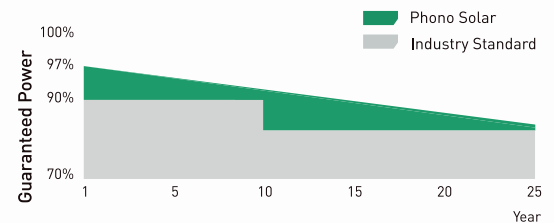
- Competitive high-temperature performance with ameliorated temperature coefficient
- Minimized power loss in cell connection
- Better performance under shading effect
- Decreased nominal operating cell temperature to $43 \pm 2^{\circ}\text{C}$
- Higher power generation with multi-busbar and half-cut 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



15-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

OHSAS 18001:2007 / International standards for occupational health & safety

IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules-guidelines for increased confidence in PV module design qualification and type approval



Bloomberg Tier1
NEW ENERGY FINANCE



ELECTRICAL TYPICAL VALUES

Model	PS355M4-20/UH		PS360M4-20/UH		PS365M4-20/UH		PS370M4-20/UH		PS375M4-20/UH	
	PS355M4H-20/UH		PS360M4H-20/UH		PS365M4H-20/UH		PS370M4H-20/UH		PS375M4H-20/UH	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (P _{mpp})	355	265	360	268	365	272	370	276	375	279
Rated Current (I _{mpp})	10.59	8.55	10.68	8.62	10.76	8.68	10.85	8.76	10.93	8.82
Rated Voltage (V _{mpp})	33.53	30.95	33.71	31.12	33.93	31.32	34.11	31.48	34.31	31.67
Short Circuit Current (I _{sc})	11.30	9.12	11.40	9.20	11.50	9.28	11.60	9.36	11.70	9.44
Open Circuit Voltage (V _{oc})	40.73	38.16	40.91	38.33	41.09	38.50	41.26	38.66	41.44	38.83
Module Efficiency (%)	19.35		19.62		19.90		20.17		20.44	

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: 1764mm (69.45 inch)
	Width: 1040mm (40.94 inch)
	Height: 35mm (1.38 inch)
Weight	19.5kg (42.99 lbs)
Front Glass	3.2mm Toughened Glass
Frame	Black Anodized Aluminium Alloy
Cable	4mm ² (IEC), Length:350mm (vertical) 1150mm (horizontal) or Customized Length
Junction Box	IP 68 Rated

TEMPERATURE RATINGS

Voltage Temperature Coefficient	-0.30%/°C
Current Temperature Coefficient	+0.05%/°C
Power Temperature Coefficient	-0.38%/°C
Tolerance	0~+5w
NOCT	43±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
Module Fire Performance (UL 1703)	Type 4
Maximum System Voltage	DC 1500V/1000V

PACKING CONFIGURATION

Container	20' GP	40' HQ
Pieces/Container	306	806

ELECTRICAL CHARACTERISTICS

