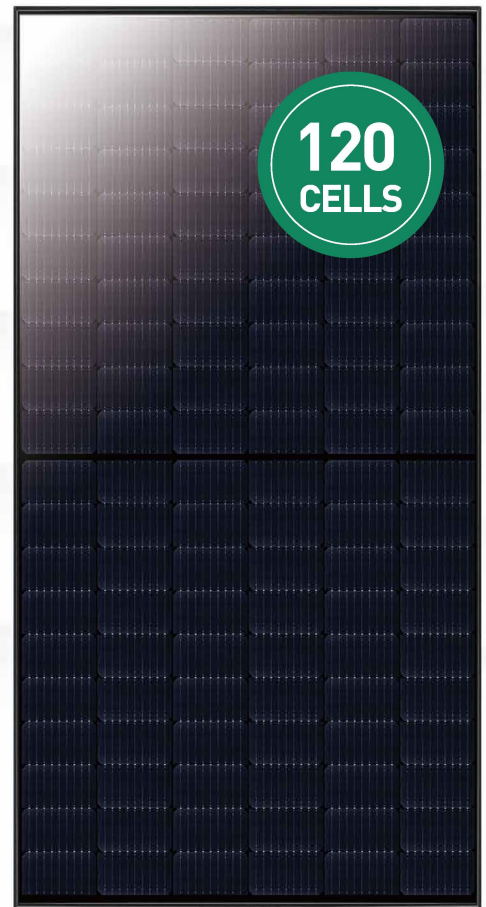


TWINPLUS MODULE SERIES I

HIGH EFFICIENCY MONO-PERC M4-9B-B

350-370W



OUTSTANDING PRODUCT PERFORMANCE

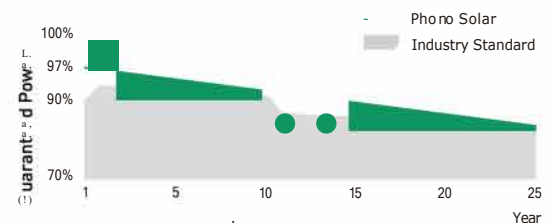
- Competitive high-temperature performance with ameliorated temperature coefficient
- Minimized power loss in cell connection
- Better performance under shading effect
- Decreased nominal operating cell temperature to $43 \pm 2^\circ \text{C}$
- Higher power generation with multi-busbar and half-cut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



12-year Product Warranty | 25-year near 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

2019 TOP PERFORMER
PVEL | DNV·GL
PV MODULE RELIABILITY SCORECARD

ELECTRICAL TYPICAL VALUES

Model	PS350M4-20/UHB		PS355M4-20/UHB		PS360M4-20/UHB		PS365M4-20/UHB		PS370M4-20/UHB	
	PS350M4H-20/UHB	PS355M4H-20/UHB	PS355M4H-20/UHB	PS360M4H-20/UHB	PS360M4H-20/UHB	PS365M4H-20/UHB	PS365M4H-20/UHB	PS370M4H-20/UHB	PS370M4H-20/UHB	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (P _{mpp})	350	259	355	262	360	266	365	270	370	274
Rated Current (I _{mpp})	10.46	8.45	10.53	8.51	10.60	8.56	10.67	8.62	10.74	8.68
Rated Voltage (V _{mpp})	33.47	30.61	33.72	30.84	33.97	31.07	34.21	31.30	34.46	31.52
Short Circuit Current (I _{sc})	10.95	8.85	11.01	8.90	11.07	8.94	11.13	8.99	11.19	9.04
Open Circuit Voltage (V _{oc})	38.98	35.66	39.33	35.98	39.67	36.29	40.01	36.60	40.34	36.90
Module Efficiency (%)	19.08		19.35		19.62		19.90		20.17	

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	Anodized Aluminium Alloy
Cable	4mm ² (IEC), Length:350mm (vertical) 1250mm (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
Fire Rating (IEC 61730)	C
Module Fire Performance (UL 1703)	Type 4
Maximum System Voltage	DC 1500V/1000V

PACKING CONFIGURATION

Container	20' GP	40' HQ
Pieces/Container	306	744

ELECTRICAL CHARACTERISTICS

