

# TWINPLUS MODULE SERIES

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  $42 \pm 2^\circ\text{C}$
- 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

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	PS350M4H-20/UHB		PS355M4H-20/UHB		PS360M4H-20/UHB		PS365M4H-20/UHB		PS370M4H-20/UHB	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (P <sub>mpp</sub> )	350	263	355	266	360	270	365	274	370	278
Rated Current (I <sub>mpp</sub> )	10.42	8.43	10.51	8.49	10.59	8.56	10.68	8.62	10.76	8.69
Rated Voltage (V <sub>mpp</sub> )	33.60	31.20	33.80	31.40	34.00	31.60	34.20	31.80	34.40	32.00
Short Circuit Current (I <sub>sc</sub> )	11.01	8.82	11.08	8.98	11.15	9.04	11.22	9.10	11.29	9.17
Open Circuit Voltage (V <sub>oc</sub> )	41.10	37.90	41.30	38.20	41.50	38.40	41.70	38.50	41.90	38.70
Module Efficiency (%)	19.21		19.49		19.76		20.04		20.31	

STC(Standard Testing Conditions):Irradiance 1000W/m<sup>2</sup>, AM 1.5, Cell Temperature 25°C

NOCT (Nominal Operation Cell Temperature): Irradiance 800W/m<sup>2</sup>, 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: 1755mm (69.09 inch)
	Width: 1038mm (40.87 inch)
	Height: 35mm (1.38 inch)
Weight	20.3kg (44.75 lbs)
Front Glass	3.2mm Toughened Glass
Frame	Anodized Aluminium Alloy
Cable	4mm <sup>2</sup> (IEC), (+): 450mm, (-): 250mm or Customized Length
Junction Box	IP 68 Rated

## TEMPERATURE RATINGS

Voltage Temperature Coefficient	-0.304%/°C
Current Temperature Coefficient	+0.050%/°C
Power Temperature Coefficient	-0.360%/°C
Tolerance	0~+5w
NOCT	42±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 (UL61703)	Type 1
Maximum System Voltage	DC 1500V

## PACKING CONFIGURATION

Container	20' GP	40' HQ
Pieces/Container	186	806

## ELECTRICAL CHARACTERISTICS

