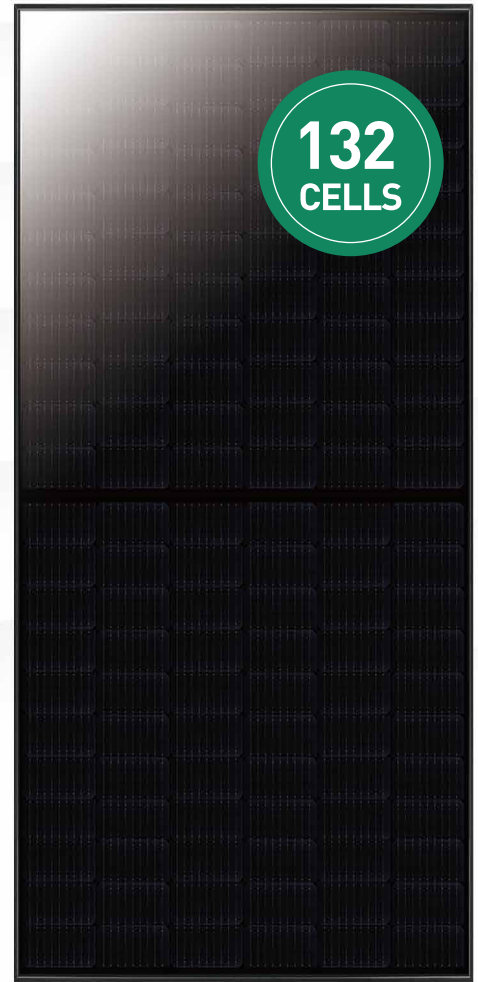


TWINPLUS MODULE SERIES

HIGH EFFICIENCY MONO-PERC M4-9B-B

385-405W



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	PS385M4-22/WH		PS390M4-22/WH		PS395M4-22/WH		PS400M4-22/WH		PS405M4-22/WH	
	PS385M4H-22/WH	PS390M4H-22/WH	PS395M4H-22/WH	PS400M4H-22/WH	PS405M4H-22/WH					
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (P _{mpp})	385	285	390	288	395	292	400	296	405	299
Rated Current (I _{mpp})	10.30	8.32	10.37	8.38	10.44	8.44	10.51	8.49	10.58	8.55
Rated Voltage (V _{mpp})	37.38	34.20	37.61	34.41	37.84	34.61	38.06	34.82	38.28	35.02
Short Circuit Current (I _{sc})	10.68	8.63	10.79	8.72	10.90	8.81	11.01	8.90	11.12	8.98
Open Circuit Voltage (V _{oc})	44.92	41.09	45.03	41.19	45.14	41.29	45.25	41.39	45.36	41.50
Module Efficiency (%)	19.23		19.48		19.73		19.98		20.23	

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: 1925mm (75.79 inch)
	Width: 1040mm (40.94 inch)
	Height: 35mm (1.38 inch)
Weight	23.0kg (50.71lbs)
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	-0.30%/°C
Current Temperature Coefficient	+0.05%/°C
Power Temperature Coefficient	-0.38%/°C
Tolerance	0~+5w
NOCT	43±2°C

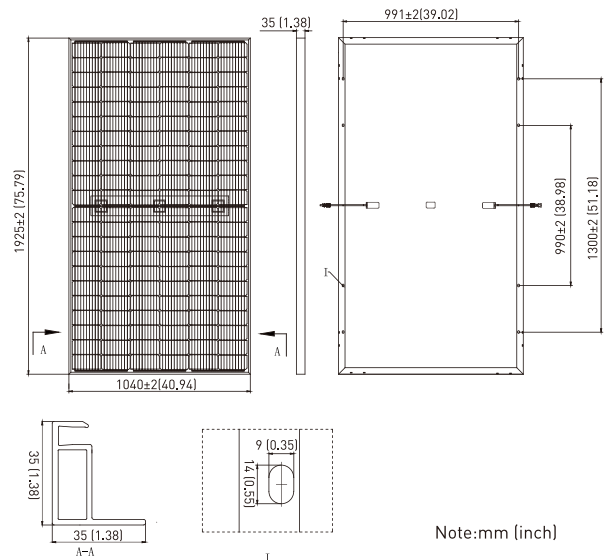
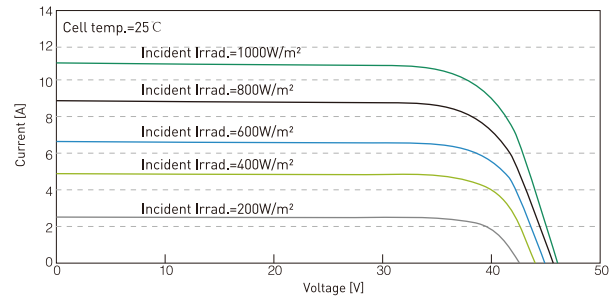
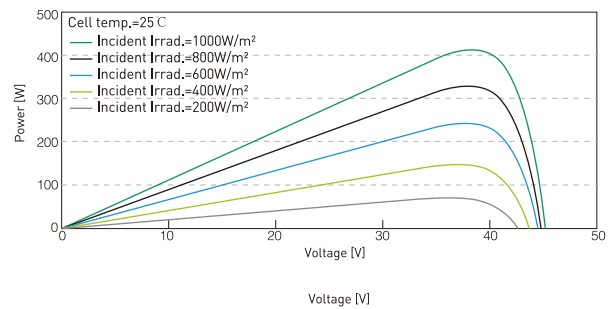
ABSOLUTE MAXIMUM RATING

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 61730)	Type 4
Maximum System Voltage	DC 1500V/1000V

PACKING CONFIGURATION

Container	20' GP	40' HQ
Pieces/Container	235	744

ELECTRICAL CHARACTERISTICS



Note:mm (inch)