

BIFACIAL TWINPLUS MODULE SERIES

HIGH EFFICIENCY MONO-PERC BM4-9B-G

355-370W



EXTRAORDINARY PRODUCT PERFORMANCE

- ◆ Up to 25% additional power yield benefited from bifacial technology
- ◆ Lower power loss in cell connection and under shading conditions
- ◆ Competitive high-temperature performance with ameliorated temperature coefficient
- ◆ Higher power generation with multi-busbar and half-cut technology

HIGH QUALITY RELIABILITY

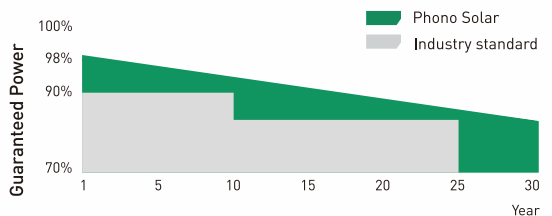
- ◆ Optimized electrical design lowers hot spot risk and operating current
- ◆ Corrosion resistance guarantees enhanced reliability in harsh environments
- ◆ Minimized Risk of microcrack and snail trail

EASY INSTALLATION

- ◆ Framed design improves mounting and racking method compatibility
- ◆ Safer and easier handling during transportation and installation

PID RESISTANT

- ◆ Encapsulation with POE and dual glass contributes to PID-free characteristic



12-year Product Warranty | **30-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	PS355M5GFH-20/UYH		PS360M5GFH-20/UYH		PS365M5GFH-20/UYH		PS370M5GFH-20/UYH	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (Pmpp)	355	261	360	265	365	268	370	272
Rated Current (Impp)	10.57	8.51	10.64	8.58	10.72	8.64	10.79	8.70
Rated Voltage (Vmpp)	33.61	30.67	33.83	30.89	34.05	31.02	34.29	31.26
Short Circuit Current (Isc)	11.06	8.94	11.14	9.00	11.22	9.07	11.29	9.13
Open Circuit Voltage (Voc)	39.86	37.19	40.12	37.38	40.38	37.56	40.69	37.75
Module Efficiency (%)	19.48		19.75		20.02		20.30	

STC(Standard Testing Conditions):Irradiance 1000W/m², AM 1.5, Cell Temperature25°C

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

BIFACIAL ELECTRICAL VALUES

5%	Maximum Power (W)	367	373	378	383
	Module Efficiency (%)	20.16	20.44	20.73	21.01
15%	Maximum Power (W)	392	398	403	409
	Module Efficiency (%)	21.52	21.82	22.13	22.43
25%	Maximum Power (W)	417	423	429	435
	Module Efficiency (%)	22.88	23.21	23.53	23.85

MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline 166 x 83mm
	Length: 1756mm (69.13 inch)
Dimension (L x W x H)	Width: 1038mm (40.87 inch) Height: 30mm (1.18 inch)
Weight	19.6kg (43.21 lbs)
Glass	1.6mm/1.6mm 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
Bifaciality	70±5%

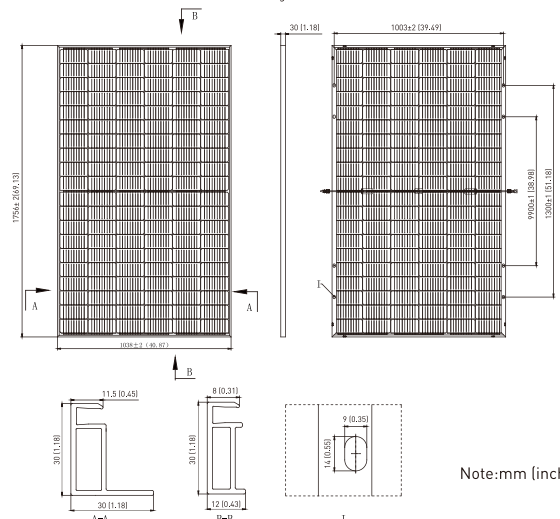
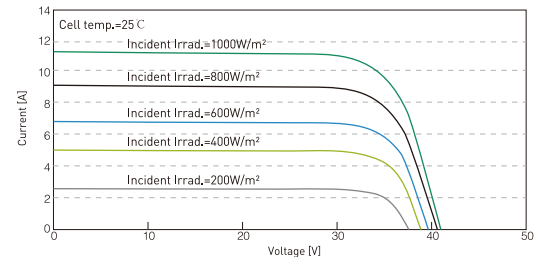
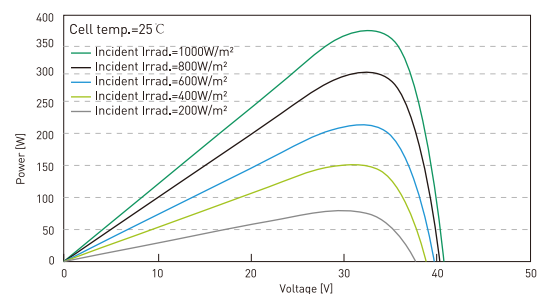
ABSOLUTE MAXIMUM RATING

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

PACKING CONFIGURATION

Container	40' HQ
Pieces/Container	840

ELECTRICAL CHARACTERISTICS



Note:mm (inch)