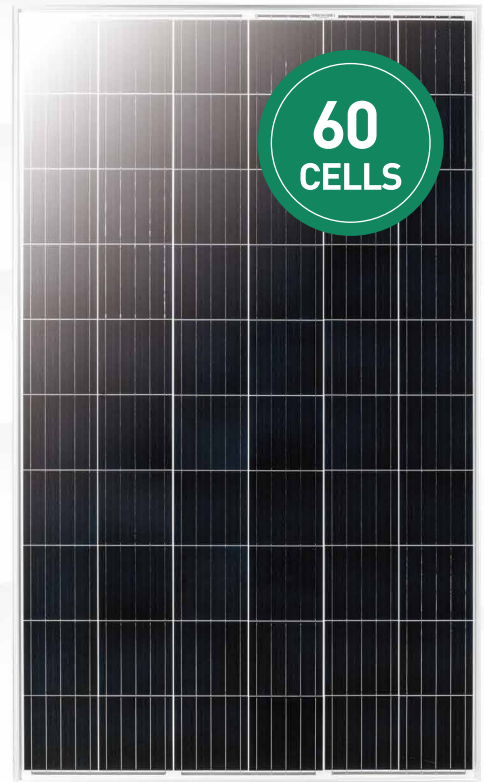


## PREMIUM PLUS MODULE SERIES

HIGH EFFICIENCY MONO-PERC M1-5B-R

# 320-340W



### HIGHER POWER OUTPUT

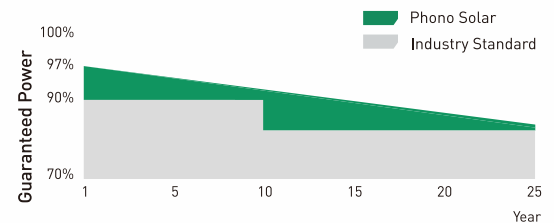
- ◆ Outstanding performance under weak-light conditions
- ◆ Superior temperature coefficient guarantees power generation efficiency

### HIGHER QUALITY RELIABILITY AND DURABILITY

- ◆ 5400Pa maximum snow load, 2400Pa maximum wind load
- ◆ Guaranteed 0~+5W positive tolerance secures reliable power output
- ◆ Strict internal quality assurance plan and extended testing standards ensures enhanced durability

### PID RESISTANT

- ◆ Improved cell processing technology and IEC-certified electrical design guarantee 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 Tier<sup>1</sup>  
NEW ENERGY FINANCE



## ELECTRICAL TYPICAL VALUES

Model	PS320M1-20/U		PS325M1-20/U		PS330M1-20/U		PS335M1-20/U		PS340M1-20/U	
	PS320M1H-20/U	PS320M1H-20/U	PS325M1H-20/U	PS325M1H-20/U	PS330M1H-20/U	PS330M1H-20/U	PS335M1H-20/U	PS335M1H-20/U	PS340M1H-20/U	PS340M1H-20/U
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (P <sub>mpp</sub> )	320	236	325	240	330	244	335	247	340	251
Rated Current (I <sub>mpp</sub> )	9.51	7.68	9.56	7.72	9.61	7.76	9.66	7.81	9.71	7.85
Rated Voltage (V <sub>mpp</sub> )	33.65	30.73	34.00	31.05	34.34	31.36	34.68	31.67	35.02	31.98
Short Circuit Current (I <sub>sc</sub> )	10.07	8.14	10.15	8.20	10.23	8.27	10.31	8.33	10.39	8.40
Open Circuit Voltage (V <sub>oc</sub> )	41.01	37.81	41.36	38.13	41.70	38.45	42.04	38.76	42.38	39.07
Module Efficiency (%)	19.21		19.51		19.81		20.11		20.41	

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 158.75mm x 158.75mm
Dimension (L× W × H)	Length: 1666mm (65.59 inch)
	Width: 1000mm (39.37 inch)
	Height: 35mm (1.38 inch)
Weight	18.5kg (40.78 lbs)
Front Glass	3.2mm Toughened Glass
Frame	Anodized Aluminium Alloy
Cable	4mm <sup>2</sup> (IEC), Length:900mm or Customized Length
Junction Box	IP 68 Rated

## TEMPERATURE RATINGS

Voltage Temperature Coefficient	-0.31%/°C
Current Temperature Coefficient	+0.05%/°C
Power Temperature Coefficient	-0.39%/°C
Tolerance	0~+5w
NOCT	45±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 Classifications	II
Fire Rating (IEC 61730)	C
Maximum System Voltage	DC 1000V/1500V

## PACKING CONFIGURATION

Container	20' GP	40' HQ
Pieces/Container	318	924

## ELECTRICAL CHARACTERISTICS

