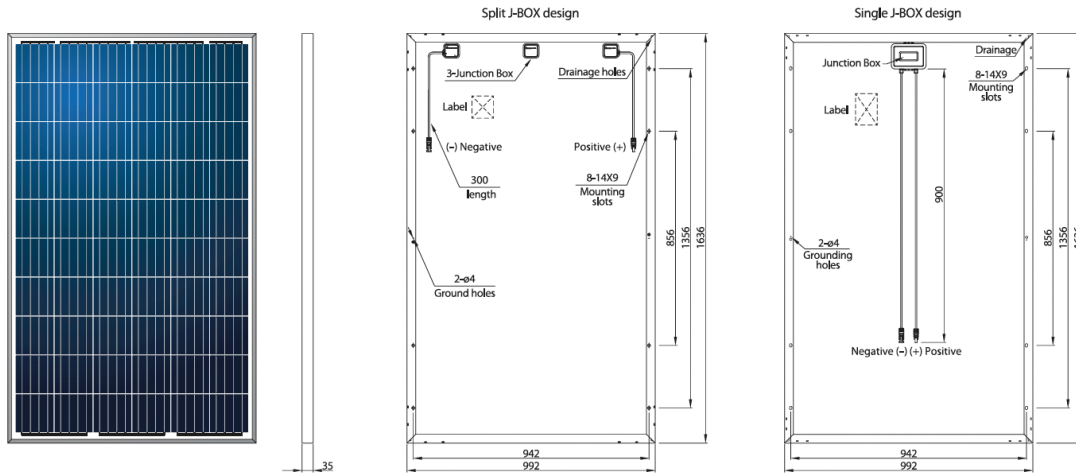




# Multicrystalline Silicon Module

Models: 4BB HR-250P 18/Bb-HR-275P-18/Bb



Customized cable length available upon request

## ELECTRICAL PARAMETERS

TYPE	HR-250W	HR-255W	HR-260W	HR-265W	HR-270W	HR-275W	
<b>STC</b> AM 1.5, 1000W/m <sup>2</sup> , Module Temperature 25°C	Rated Max. Power at STC (W)	250	255	260	265	270	275
	Max. Power Voltage / Vmp (V)	29.98	30.25	30.51	30.71	30.82	30.94
	Max. Power Current / Imp (A)	8.34	8.43	8.52	8.63	8.76	8.89
	Open Circuit Voltage / Voc (V)	37.41	37.54	37.65	37.81	37.88	38.17
	Short Circuit Current / Isc (A)	8.79	8.94	9.09	9.24	9.38	9.48
Module Efficiency (%)	15.40	15.71	16.02	16.33	16.64	16.95	
<b>NOCT</b> AM 1.5, 800W/m <sup>2</sup> , Ambient Temperature 20°C, Wind Speed 1m/s	Rated Max. Power at NOCT (W)	180.4	184.1	187.5	191.0	195.0	198.5
	Max. Power Voltage / Vmp (V)	27.70	27.80	27.90	28.00	28.10	28.20
	Max. Power Current / Imp (A)	6.51	6.62	6.72	6.82	6.94	7.04
	Open Circuit Voltage / Voc (V)	34.10	34.20	34.30	34.45	34.50	34.60
	Short Circuit Current / Isc (A)	7.11	7.23	7.35	7.47	7.57	7.69
Module Efficiency (%)	13.89	14.18	14.44	14.71	15.02	15.29	
Temperature Coefficient of Pm	-0.41%/°C						
Temperature Coefficient of Voc	-0.327%/°C						
Temperature Coefficient of Isc	+0.064%/°C						
Nominal Operating Cell Temperature	45°C±3°C						
Output Tolerance	0~5W						

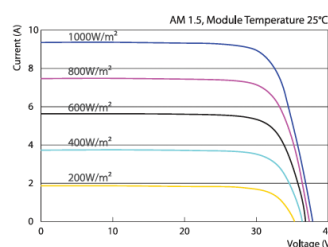
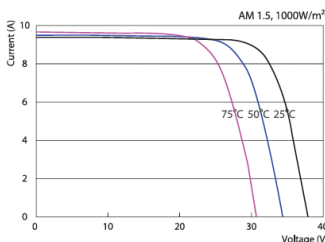
## PARAMETERS

Cell (mm)	156x156 Poly
Weight (kg)	18.2
Dimensions (LxWxH) (mm)	1636x992x35
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells and Connections	60(6x10)
No. of Diodes	3
Max. System Voltage	1000VDC
Max. Series Fuse	15 A
Max. Wind Load / Max. Snow Load	4200Pa / 6000Pa
Hail Test	45mm diameter ice-ball 30.7m/s velocity

## PRODUCT STANDARD

Product Performance	IEC61215
Product Safety	IEC61730
Anti-PID & Salt Mist & Ammonia Corrosion Testing	IEC62804 IEC61701 IEC62716

## 270W CURVES



## PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'HC
1636x992x35	Pieces Per Pallet	30	30
	Pallets Per Container	6	28
	Pieces Per Container	180	840

No more than 2.5% peak power degradation in  
**1ST YEAR**

No more than 0.70% peak power degradation in coming  
**24 YEARS**

Free from defects of materials and workmanship for  
**10 YEARS**



## LINEAR WARRANTY

Manufactured by Hareon Solar Technology Co Ltd.

Qualifications and Certificates



Star8 Australia Pty Ltd

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