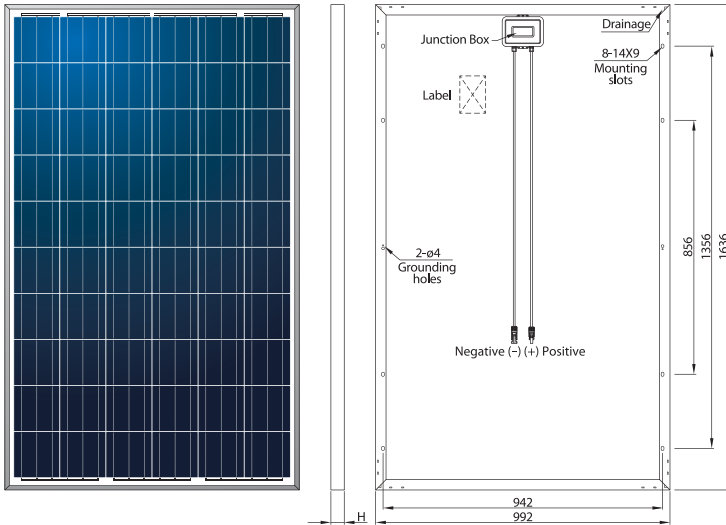


# 3BB HR-240P-18/Bb — HR-265P-18/Bb

Poly-Crystalline Silicon Module



## MECHANICAL PARAMETERS

Cell (mm)	156×156 Poly
Weight (kg)	19.0/19.3
Dimensions (L×W×H) (mm)	1636×992×35/40
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells and Connections	60(6×10)
No. of Diodes	3

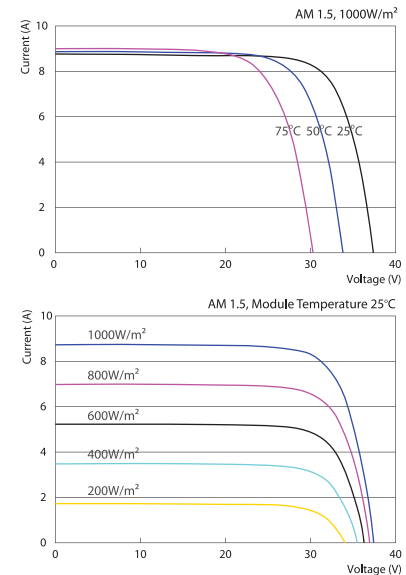
## QUALIFICATION

Max. System Voltage	1000VDC
Temperature Cycling Range	-40°C~+85°C
Max. Series Fuse	15 A
Max. Wind Load / Max. Snow Load	2400Pa / 5400Pa
Damp Heat Test	85°C and 85% relative humidity for 1000h
Hot Spot Free	100%EL inspection before and after lamination

## ELECTRICAL PARAMETERS

TYPE	HR-240W	HR-245W	HR-250W	HR-255W	HR-260W	HR-265W	
<b>STC</b> AM 1.5, 1000W/m <sup>2</sup> , Module Temperature 25°C	Rated Max. Power at STC (W)	240	245	250	255	260	265
	Max. Power Voltage / Vmp (V)	29.67	29.88	29.98	30.25	30.51	30.71
	Max. Power Current / Imp (A)	8.09	8.20	8.34	8.43	8.52	8.63
	Open Circuit Voltage / Voc (V)	37.25	37.34	37.41	37.54	37.65	37.81
	Short Circuit Current / Isc (A)	8.48	8.63	8.79	8.94	9.09	9.24
	Module Efficiency (%)	14.79	15.10	15.40	15.71	16.02	16.33
<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)	173.0	176.7	180.4	184.1	187.5	191.0
	Max. Power Voltage / Vmp (V)	27.50	27.60	27.70	27.80	27.90	28.00
	Open Circuit Voltage / Voc (V)	33.90	34.00	34.10	34.20	34.30	34.45
	Short Circuit Current / Isc (A)	6.86	6.98	7.11	7.23	7.35	7.47
Module Efficiency (%)	13.32	13.61	13.89	14.18	14.44	14.71	
Temperature Coefficient of Pm				-0.44%/°C			
Temperature Coefficient of Voc				-0.32%/°C			
Temperature Coefficient of Isc				+0.055%/°C			
Nominal Operating Cell Temperature				45°C±3°C			
Output Tolerance				0~5W			

## 250W CURVES



## PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'HC
1636×992×35	Pieces Per Pallet	28	28
	Pallets Per Container	6	28
	Pieces Per Container	168	784
	Pieces Per Pallet	25	25
1636×992×40	Pallets Per Container	6	28
	Pieces Per Container	150	700

## LINEAR WARRANTY

- No more than 3% peak power degradation in 1st year;
- No more than 0.7% peak power degradation in coming 24 years;
- Free from defects of materials and workmanship for 10 years.

