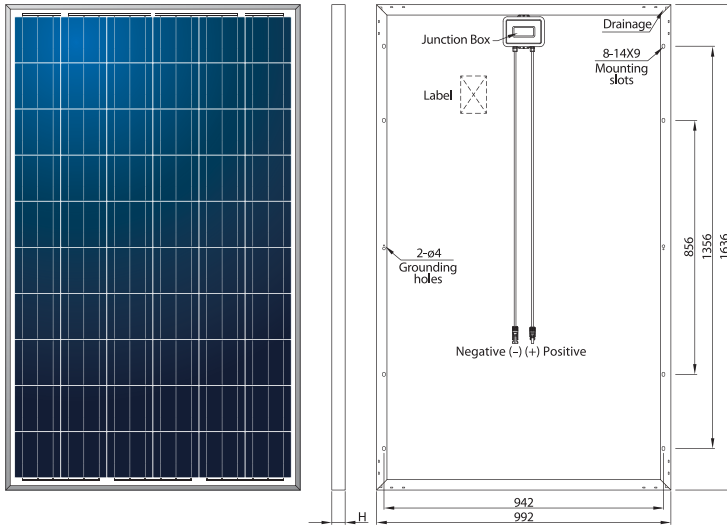


PID FREE

3BB HR-240P-18/Bb — HR-260P-18/Bb

Poly-Crystalline Silicon Module



MECHANICAL PARAMETERS

Cell (mm)	156x156 Poly
Dimensions (LxWxH) (mm)	1636x992x40/45
Weight (kg)	19.3/19.5
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	60(6x10)
No. of Diodes	3

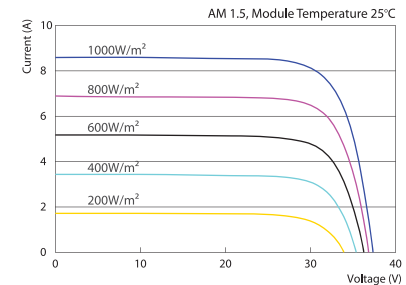
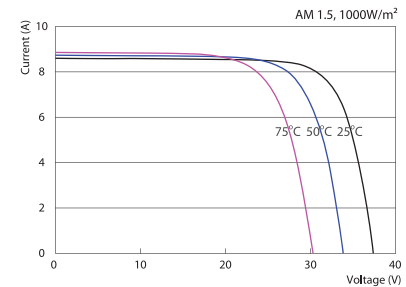
QUALIFICATION

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	
STC AM 1.5, 1000W/m ² , Module Temperature 25°C	Rated Max. Power at STC (W)	240	245	250	255	260
	Max. Power Voltage / Vmp (V)	29.67	29.88	29.98	30.25	30.51
	Max. Power Current / Imp (A)	8.09	8.20	8.34	8.43	8.52
	Open Circuit Voltage / Voc (V)	37.25	37.34	37.41	37.54	37.65
	Short Circuit Current / Isc (A)	8.48	8.63	8.79	8.94	9.09
	Module Efficiency (%)	14.79	15.10	15.40	15.71	16.02
	NOCT AM 1.5, 800W/m ² , Ambient Temperature 20°C, Wind Speed 1m/s	Rated Max. Power at NOCT (W)	173.0	176.7	180.4	184.1
Max. Power Voltage / Vmp (V)		27.50	27.60	27.70	27.80	27.90
Max. Power Current / Imp (A)		6.29	6.40	6.51	6.62	6.72
Open Circuit Voltage / Voc (V)		33.90	34.00	34.10	34.20	34.30
Short Circuit Current / Isc (A)		6.86	6.98	7.11	7.23	7.35
Module Efficiency (%)		13.32	13.61	13.89	14.18	14.44
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					

245W CURVES



PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'GP	40'HC
1636x992x40	Pieces Per Pallet	25	25	25
	Pallets Per Container	6	14	28
	Pieces Per Container	150	350	700
1636x992x45	Pieces Per Pallet	22	22	22
	Pallets Per Container	6	14	28
	Pieces Per Container	132	308	616

WARRANTY

- 90% power output over 12 years;
- 80% power output over 25 years;
- Free from defects in materials and workmanship for 10 years.

