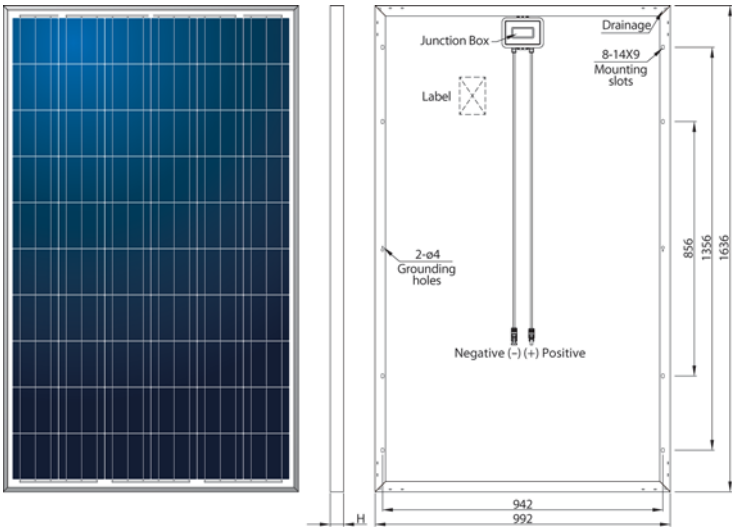
3BB HR-240P-18/Bb — HR-260P-18/Bb

Poly-crystallyne Silicon Module



MECHANICAL PARAMETERS

Cell (mm)	156×156 Poly
Dimensions (L×W×H) (mm)	1636×992×40/45
Weight (kg)	19.3/19.5
Cable Cross Section Size (mm^2)	4
No. of Cells and Connections	60(6×10)
No. of Diodes	3

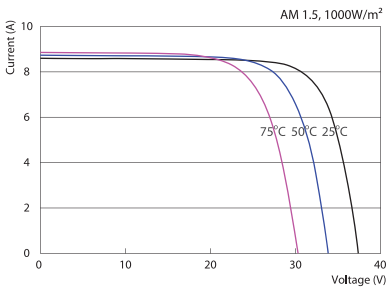
QUALIFICATION

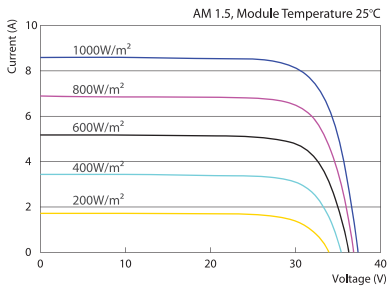
Max. System Voltage	1000VDC
Temperature Cycling Range	-40°C~+85°C
Max. Series Fuse	15 A
Max. Wind Load / Max. Snow Load	2400Pa / 5400Pa
Damp Heat Test	85°C and 85 relative humidity for 1000h
Hot Spot Free	100%EL inspection before and after lamination

ELECTRICAL PARAMETERS

TYPE		HR-240W	HR-245W	HR-250W	HR-255W	HR-260W
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	187.5
	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
1636×992×40	Pieces Per Pallet	25	25	25
	Pallets Per Container	6	14	28
	Pieces Per Container	150	350	700
1636×992×45	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.

Specifications ins this catalog sheet are subject to technical changes and product innovations. Manufacturer reserves the rigth of final interpretation.