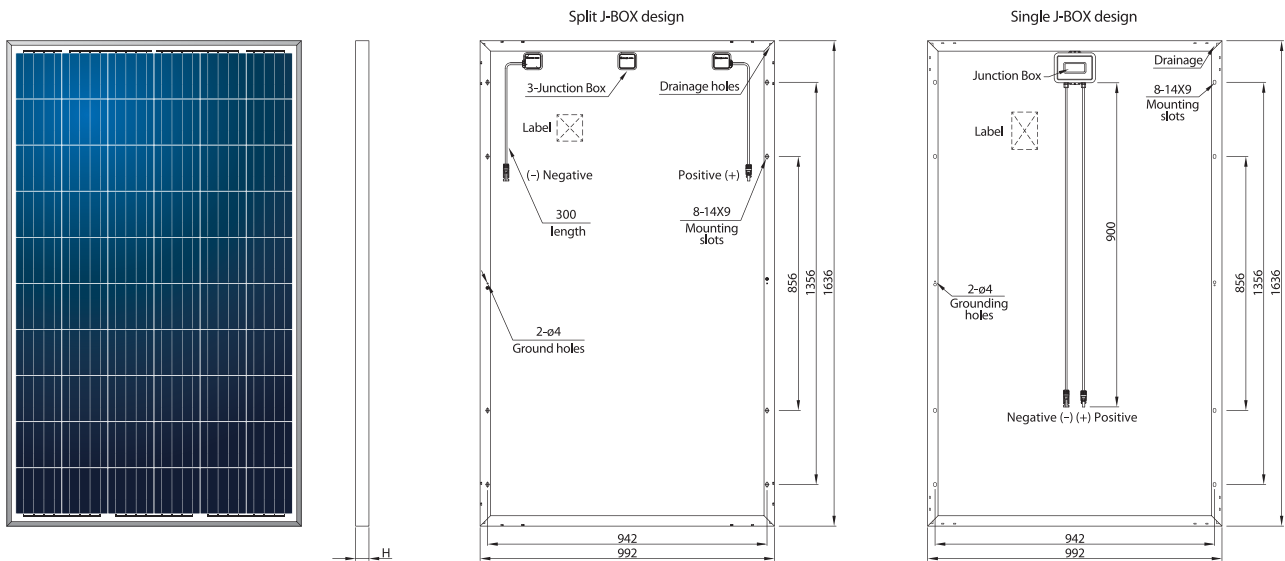


4BB HR-250P-18/Bb—HR-275P-18/Bb

Poly-Crystalline Silicon Module

Hareon Solar Technology Co., Ltd.

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Customized cable length available upon request

MECHANICAL PARAMETERS

Cell (mm)	156x156 Poly
Weight (kg)	19.0/19.3
Dimensions (LxWxH) (mm)	1636x992x35/40
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

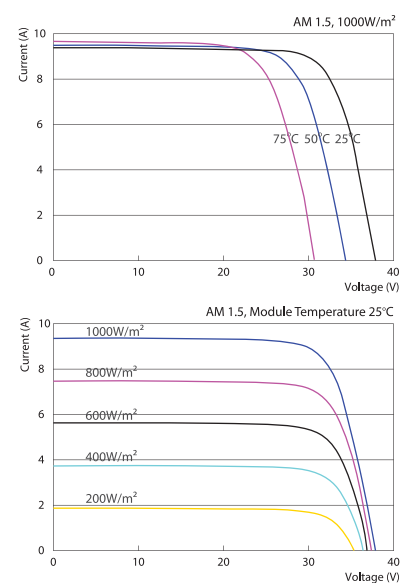
PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'HC
1636x992x35	Pieces Per Pallet	30	30
	Pallets Per Container	6	28
	Pieces Per Container	180	840
1636x992x40	Pieces Per Pallet	25	25
	Pallets Per Container	6	28
	Pieces Per Container	150	700

ELECTRICAL PARAMETERS

TYPE	HR-250W	HR-255W	HR-260W	HR-265W	HR-270W	HR-275W	
STC AM 1.5, 1000W/m ² , 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	
NOCT AM 1.5, 800W/m ² , 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	-0.44%/°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						

270W CURVES



LINEAR WARRANTY

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

No more than 0.72% peak
power degradation in coming
24 YEARS

Free from defects of
materials and workmanship for
10 YEARS

