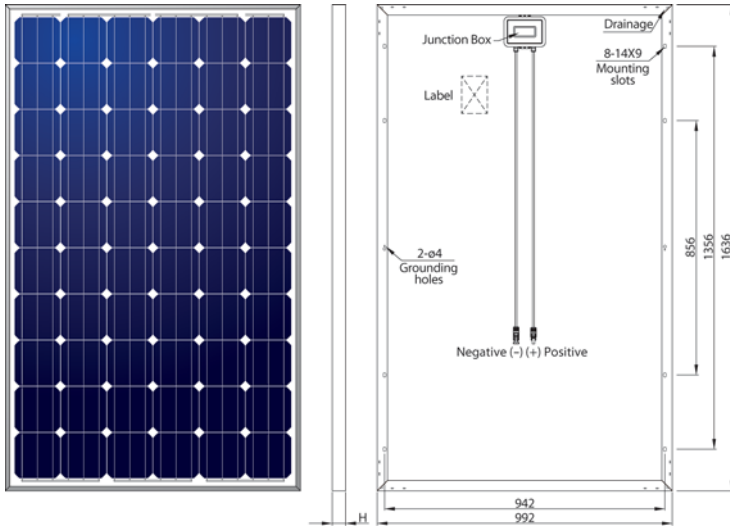


3BB HR-245-18/Cb—HR-265-18/Cb

Mono-Crystalline Silicon Module

Hareon Solar Technology Co., Ltd.

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MECHANICAL PARAMETERS

Cell (mm)	156×156 Mono
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

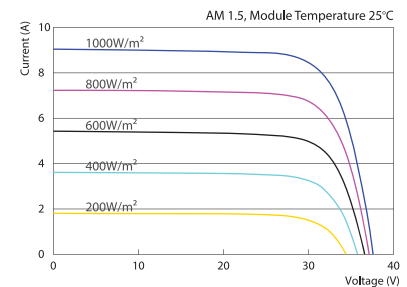
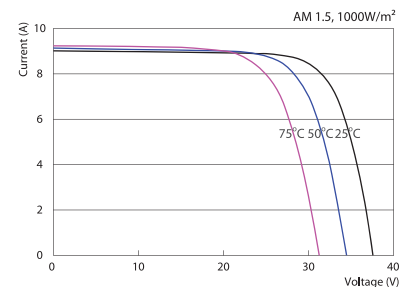
QUALIFICATION

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-245W	HR-250W	HR-255W	HR-260W	HR-265W	
STC AM 1.5, 1000W/m ² , Module Temperature 25°C	Rated Max. Power at STC (W)	245	250	255	260	265
	Max. Power Voltage / Vmp (V)	30.30	30.40	30.50	30.60	30.70
	Max. Power Current / Imp (A)	8.09	8.22	8.36	8.50	8.63
	Open Circuit Voltage / Voc (V)	37.42	37.51	37.59	37.73	37.91
	Short Circuit Current / Isc (A)	8.73	8.88	9.03	9.18	9.31
	Module Efficiency (%)	15.10	15.40	15.71	16.02	16.33
	NOCT AM 1.5, 800W/m ² , Ambient Temperature 20°C, Wind Speed 1m/s	Rated Max. Power at NOCT (W)	177.8	181.5	185.2	188.9
Max. Power Voltage / Vmp (V)		27.60	27.70	27.80	27.90	28.00
Max. Power Current / Imp (A)		6.44	6.55	6.66	6.77	6.87
Open Circuit Voltage / Voc (V)		34.40	34.50	34.60	34.70	34.90
Short Circuit Current / Isc (A)		7.05	7.17	7.29	7.41	7.52
Module Efficiency (%)		13.69	13.98	14.26	14.55	14.82
Temperature Coefficient of Pm		-0.41%/°C				
Temperature Coefficient of Voc	-0.31%/°C					
Temperature Coefficient of Isc	+0.047%/°C					
Nominal Operating Cell Temperature	45°C±3°C					
Output Tolerance	0~5W					

255W 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
	Pieces Per Pallet	22	22	22
1636×992×45	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.

