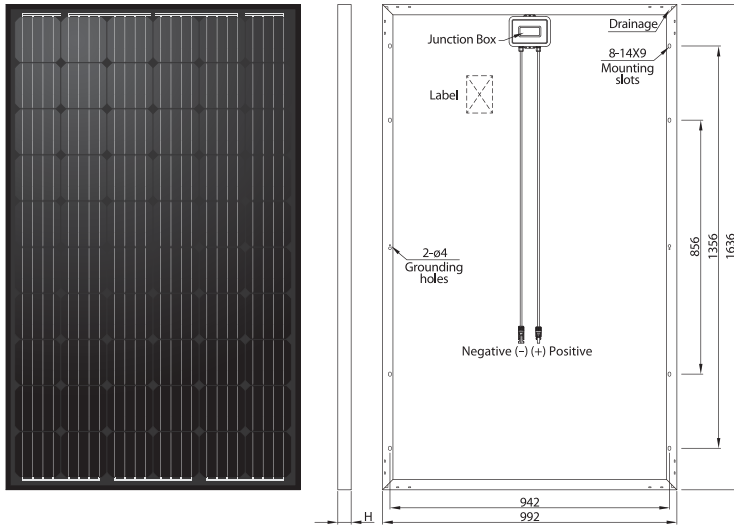


4BB HR-245-18/Cbb—HR-265-18/Cbb

Mono-Crystalline Silicon Module

Hareon Solar Technology Co., Ltd.

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MECHANICAL PARAMETERS

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

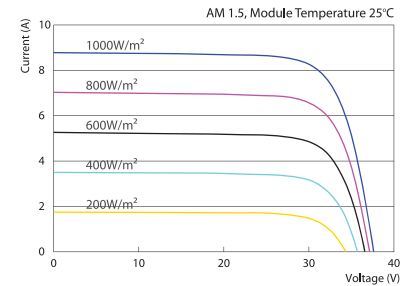
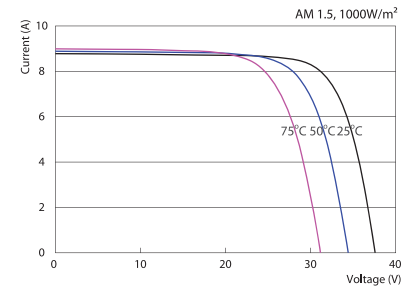
QUALIFICATION

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)	30.49	30.59	30.69	30.79	30.90
	Max. Power Current / Imp (A)	8.04	8.17	8.31	8.44	8.58
	Open Circuit Voltage / Voc (V)	37.51	37.59	37.73	37.91	38.10
	Short Circuit Current / Isc (A)	8.64	8.79	8.93	9.06	9.19
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)	176.1	179.8	183.5	187.0	191.1
	Max. Power Voltage / Vmp (V)	27.60	27.70	27.80	27.90	28.10
	Max. Power Current / Imp (A)	6.38	6.49	6.60	6.70	6.80
	Open Circuit Voltage / Voc (V)	34.30	34.40	34.50	34.60	34.80
	Short Circuit Current / Isc (A)	6.98	7.10	7.22	7.32	7.43
Module Efficiency (%)	13.56	13.85	14.13	14.40	14.72	
Temperature Coefficient of Pm	-0.428%/°C					
Temperature Coefficient of Voc	-0.322%/°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
1636×992×40	Pieces Per Pallet	25	25
	Pallets Per Container	6	28
	Pieces Per Container	150	700
	Pieces Per Pallet	22	22
1636×992×45	Pallets Per Container	6	28
	Pieces Per Container	132	616

WARRANTY

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

