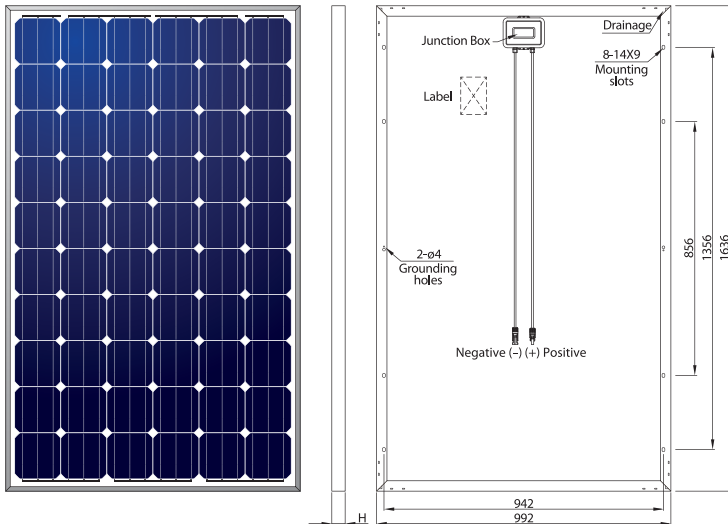


# 3BB HR-245-18/Cb—HR-275-18/Cb

## Mono-Crystalline Silicon Module

**Hareon Solar Technology Co., Ltd.**

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### MECHANICAL PARAMETERS

Cell (mm)	156×156 Mono
Weight (kg)	19.0/19.3
Dimensions (L×W×H) (mm)	1636×992×35/40
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells and Connections	60(6×10)
No. of Diodes	3

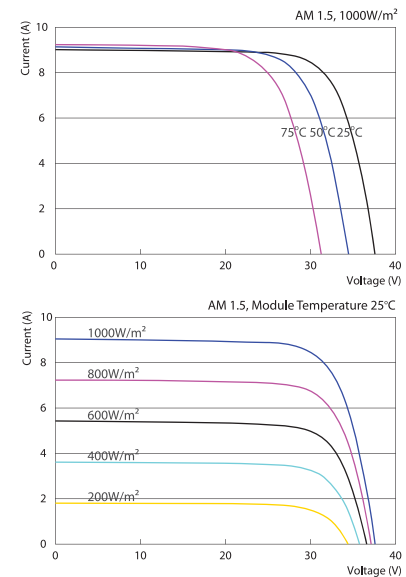
### QUALIFICATION

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	HR-270W	HR-275W
<b>STC</b> AM 1.5, 1000W/m <sup>2</sup> , Module Temperature 25°C	Rated Max. Power at STC (W)	245	250	255	260	265	270
	Max. Power Voltage / Vmp (V)	30.30	30.40	30.50	30.60	30.70	30.80
	Max. Power Current / Imp (A)	8.09	8.22	8.36	8.50	8.63	8.77
	Open Circuit Voltage / Voc (V)	37.42	37.51	37.59	37.73	37.91	38.10
	Short Circuit Current / Isc (A)	8.73	8.88	9.03	9.18	9.31	9.45
	Module Efficiency (%)	15.10	15.40	15.71	16.02	16.33	16.64
<b>NOCT</b> AM 1.5, 800W/m <sup>2</sup> , Ambient Temperature 20°C, Wind Speed 1m/s	Rated Max. Power at NOCT (W)	177.8	181.5	185.2	188.9	192.4	199.8
	Max. Power Voltage / Vmp (V)	27.60	27.70	27.80	27.90	28.00	28.09
	Max. Power Current / Imp (A)	6.44	6.55	6.66	6.77	6.87	7.09
	Open Circuit Voltage / Voc (V)	34.40	34.50	34.60	34.70	34.90	35.26
	Short Circuit Current / Isc (A)	7.05	7.17	7.29	7.41	7.52	7.72
	Module Efficiency (%)	13.69	13.98	14.26	14.55	14.82	15.39
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

### 255W CURVES



### PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'HC
1636×992×35	Pieces Per Pallet	28	28
	Pallets Per Container	6	28
	Pieces Per Container	168	784
1636×992×40	Pieces Per Pallet	25	25
	Pallets Per Container	6	28
	Pieces Per Container	150	700

### LINEAR WARRANTY

- No more than 3% peak power degradation in 1st year;
- No more than 0.7% peak power degradation in coming 24 years;
- Free from defects of materials and workmanship for 10 years.

