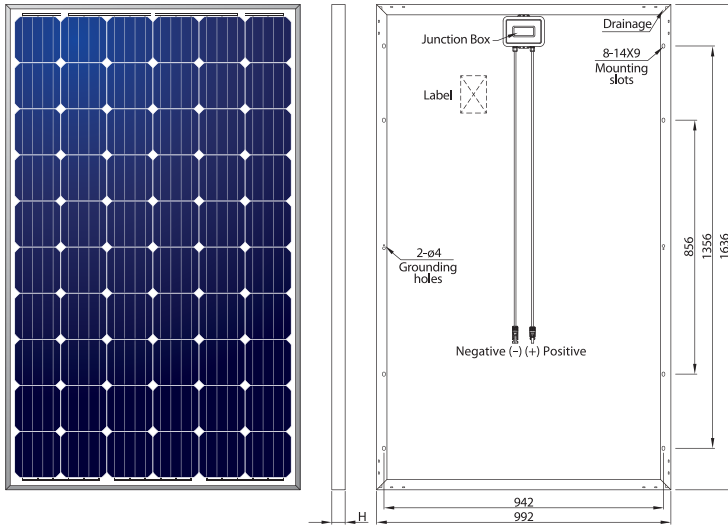


# 4BB HR-265-18/Cb—HR-285-18/Cb

## 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

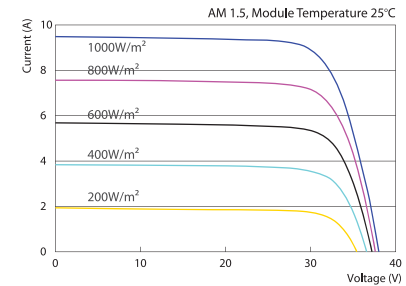
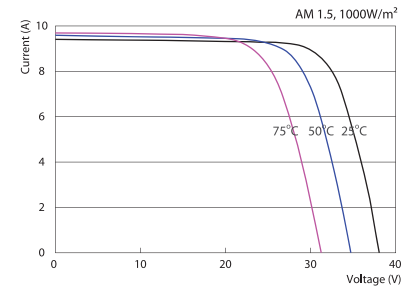
### QUALIFICATION

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-265W	HR-270W	HR-275W	HR-280W	HR-285W	
<b>STC</b> AM 1.5, 1000W/m <sup>2</sup> , Module Temperature 25°C	Rated Max. Power at STC (W)	265	270	275	280	285
	Max. Power Voltage / Vmp (V)	30.70	30.80	30.90	31.00	31.10
	Max. Power Current / Imp (A)	8.63	8.77	8.90	9.03	9.17
	Open Circuit Voltage / Voc (V)	37.91	38.10	38.30	38.33	38.42
	Short Circuit Current / Isc (A)	9.31	9.45	9.57	9.64	9.73
Module Efficiency (%)	16.33	16.64	16.95	17.25	17.56	
<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)	192.4	196.1	199.9	203.4	207.0
	Max. Power Voltage / Vmp (V)	28.00	28.10	28.20	28.30	28.40
	Max. Power Current / Imp (A)	6.87	6.98	7.09	7.19	7.29
	Open Circuit Voltage / Voc (V)	34.90	35.07	35.16	35.20	35.30
Short Circuit Current / Isc (A)	7.52	7.63	7.72	7.87	7.99	
Module Efficiency (%)	14.82	15.10	15.39	15.66	15.95	
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					

### 270W CURVES



### PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'HC
1636×992×35	Pieces Per Pallet	30	30
	Pallets Per Container	6	28
	Pieces Per Container	180	840
	Pieces Per Pallet	25	25
1636×992×40	Pallets Per Container	6	28
	Pieces Per Container	150	700

### LINEAR WARRANTY

- No more than 3.5% peak power degradation in **1st** year;
- No more than 0.68% peak power degradation in coming **24** years;
- Free from defects of materials and workmanship for **10** years.

