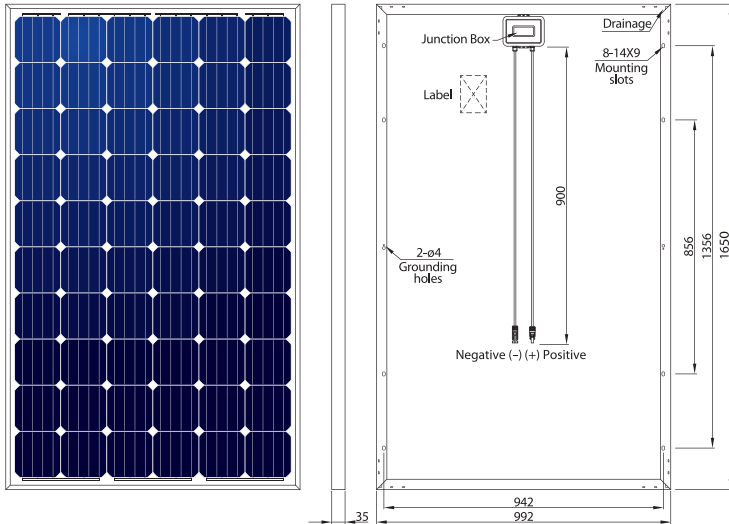


# HR-275-18/Cb—HR-295-18/Cb

## Monocrystalline Silicon Module

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

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### PARAMETERS

Cell (mm)	156×156Mono
Weight (kg)	18.6
Dimensions (L×W×H) (mm)	1650×992×35
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells and Connections	60(6×10)
No. of Diodes	3
Max. System Voltage	1000VDC
Max. Series Fuse	15 A
Max. Wind Load / Max. Snow Load	2400Pa / 5400Pa

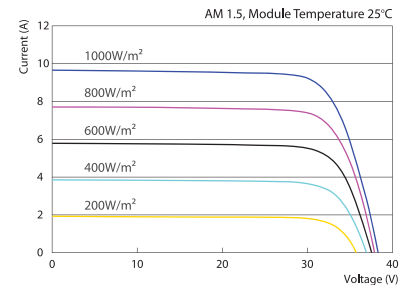
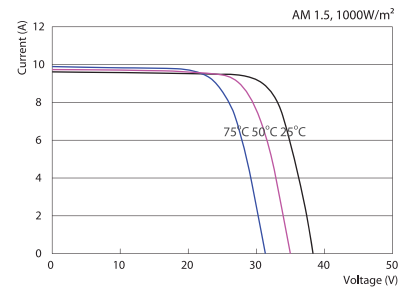
### PRODUCT STANDARD

Product Performance	IEC61215
Product Safety	IEC61730 UL1703
Anti-PID & Salt Mist & Ammonia Corrosion Testing	IEC62804 IEC61701 IEC62716

### ELECTRICAL PARAMETERS

TYPE	HR-275W	HR-280W	HR-285W	HR-290W	HR-295W	
<b>STC</b> AM 1.5, 1000W/m <sup>2</sup> , Module Temperature 25°C	Rated Max. Power at STC (W)	275	280	285	290	295
	Max. Power Voltage / Vmp (V)	31.51	31.68	31.85	32.07	32.29
	Max. Power Current / Imp (A)	8.72	8.84	8.97	9.11	9.23
	Open Circuit Voltage / Voc (V)	38.86	39.05	39.25	39.46	39.64
	Short Circuit Current / Isc (A)	9.27	9.36	9.45	9.56	9.67
	Module Efficiency (%)	16.80	17.10	17.41	17.71	18.02
<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)	201.05	204.71	208.36	212.02	215.67
	Max. Power Voltage / Vmp (V)	28.48	28.63	28.70	28.89	29.07
	Open Circuit Voltage / Voc (V)	36.02	36.18	36.35	36.47	36.63
	Short Circuit Current / Isc (A)	7.54	7.62	7.71	7.79	7.87
Module Efficiency (%)	15.35	15.63	15.91	16.19	16.47	
Temperature Coefficient of Pm			-0.390 %/°C			
Temperature Coefficient of Voc			-0.300 %/°C			
Temperature Coefficient of Isc			+0.060 %/°C			
Nominal Operating Cell Temperature			45°C±2°C			
Output Tolerance			0~5W			

### 280W CURVES



### PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'HC
1650×992×35	Pieces Per Pallet	30	30
	Pallets Per Container	6	28
	Pieces Per Container	180	840

### 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.

