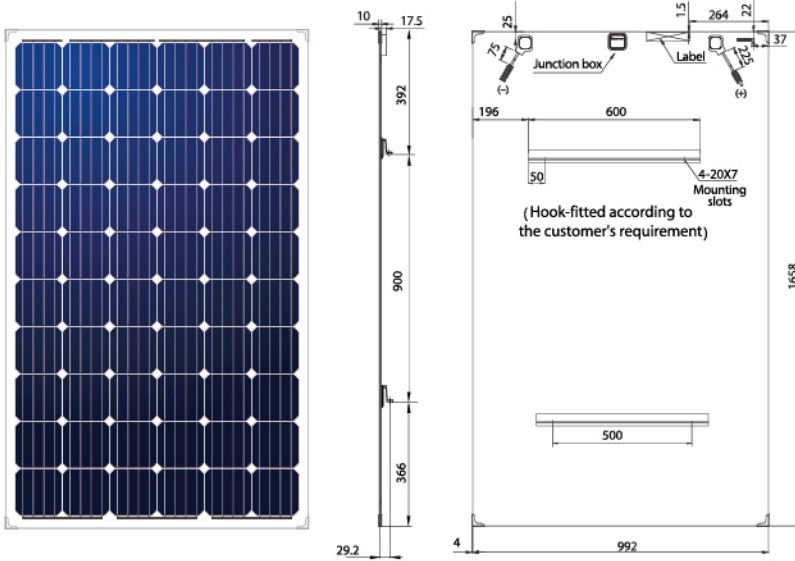


HR-270-18/Cbd—HR-285-18/Cbd

Dual Glass Module

Hareon Solar Technology Co., Ltd.

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 Tel: +86 (510) 6628 6100 Fax: +86 (510) 8653 0512 E-mail: sales@hareon.net
 www.hareonsolar.com



Customized cable length available upon request

PARAMETERS

Cell (mm)	156x156 Mono
Glass Thickness (mm)	2.5
Weight (kg)	24.6
Dimensions (LxWxH) (mm)	1658x992x25.5 1658x992x29.2 (Hook-fitted)
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	60(6x10)
No. of Diodes	3
Max. System Voltage	1000VDC/1500VDC
Max. Series Fuse	15 A
Max. Wind Load / Max. Snow Load	2400Pa / 5400Pa

PRODUCT STANDARD

Product Performance	IEC61215
Product Safety	IEC61730
Salt Mist & Ammonia Corrosion Testing	IEC61701 IEC62716

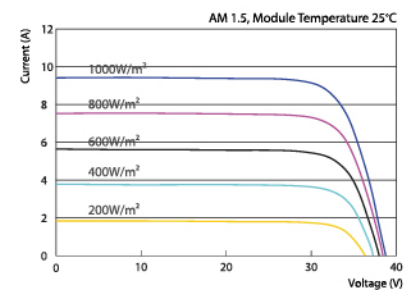
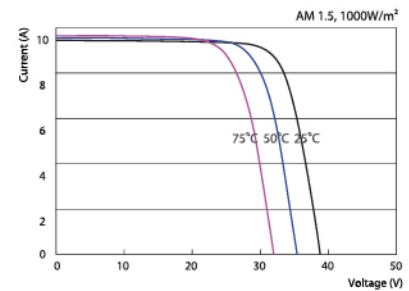
ELECTRICAL PARAMETERS

TYPE	HR-270W	HR-275W	HR-280W	HR-285W	
STC AM 1.5, 1000W/m ² , Module Temperature 25°C	Rated Max. Power at STC (W)	270	275	280	285
	Max. Power Voltage / Vmp (V)	31.22	31.40	31.61	31.81
	Max. Power Current / Imp (A)	8.65	8.76	8.86	8.96
	Open Circuit Voltage / Voc (V)	38.30	38.50	38.71	38.89
	Short Circuit Current / Isc (A)	9.29	9.38	9.46	9.54
	Module Efficiency (%)	16.41	16.72	17.02	17.32
NOCT AM 1.5, 800W/m ² , Ambient Temperature 20°C, Wind Speed 1m/s	Rated Max. Power at NOCT (W)	198.4	201.9	205.2	208.5
	Max. Power Voltage / Vmp (V)	28.51	28.81	29.11	29.41
	Max. Power Current / Imp (A)	6.96	7.01	7.05	7.09
	Open Circuit Voltage / Voc (V)	34.90	35.10	35.30	35.50
	Short Circuit Current / Isc (A)	7.43	7.52	7.61	7.68
	Module Efficiency (%)	15.07	15.34	15.59	15.84
Temperature Coefficient of Pm	-0.42%/°C				
Temperature Coefficient of Voc	-0.31%/°C				
Temperature Coefficient of Isc	+0.04%/°C				
Nominal Operating Cell Temperature	45°C±2°C				
Output Tolerance	0~5W				

PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'HC
1658x992x25.5	Pieces Per Pallet	33	33
	Pallets Per Container	6	26
	Pieces Per Container	198	858
1658x992x29.2	Pieces Per Pallet	30	30
	Pallets Per Container	6	26
	Pieces Per Container	180	780

280W CURVES



LINEAR WARRANTY

- No more than 3% peak power degradation in 1st year;
- No more than 0.5% peak power degradation in coming 29 years;
- Free from defects of materials and workmanship for 12 years.

