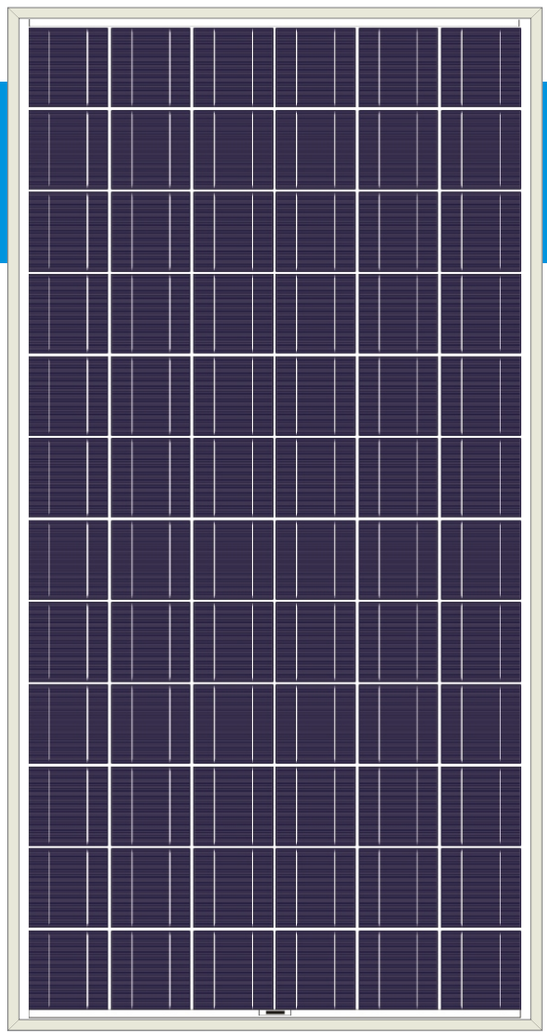
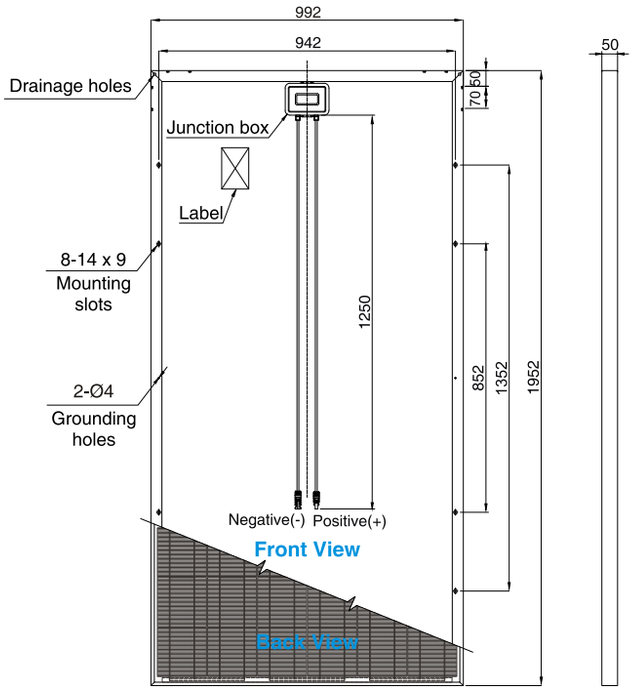
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Solar Modules

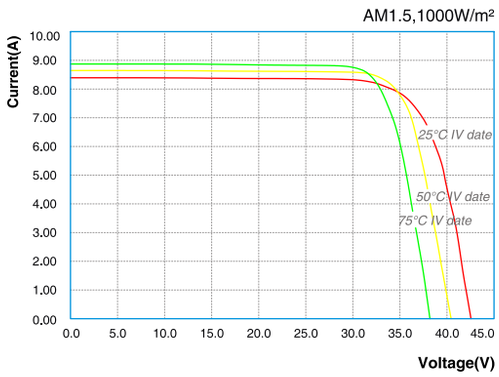
Multi-crystalline Solar Modules Series

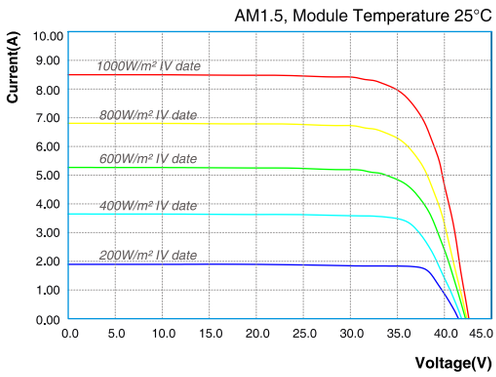
HR-260P-24/Ba–HR-290P-24/Ba





260W Curves





Hareonsolar

Jiangyin Hareon Power Co,. Ltd.

Performance

Warranty	90% power output over 10 years
	80% power output over 25 years
	Free from defects in materials and workmanship for 5 years

Qualification Test

Temperature cycling range	- 40°C to +85°C for 200 cycles
Damp heat test	85°C and 85 relative humidity for 1000 h
Front & rear wind load test	2400 Pa
Front snow load test	5400 Pa
Hot spot free	100% EL inspection before and after lamination

Electrical Characteristics

Cell Type(mm)	**156 X 156 Poly Solar Cell**						
Item	**HR-260W**	**HR-265W**	**HR-270W**	**HR-275W**	**HR-280W**	**HR-285W**	**HR-290W**
Max power (Wp)	260	265	270	275	280	285	290
Max power voltage (Vm)	35.00	35.20	35.40	35.60	35.80	36.00	36.20
Max power current (Im)	7.43	7.53	7.63	7.73	7.83	7.92	8.02
Open circuit voltage (Voc)	43.10	43.20	43.40	43.60	43.80	44.00	44.20
Short cicuit current (Isc)	7.94	8.07	8.19	8.30	8.41	8.52	8.63
Module eff (%)	13.43	13.69	13.94	14.20	14.46	14.72	14.98
Cell eff (%)	14.86	15.15	15.43	15.72	16.00	16.29	16.58

Max series fuse	15 A
Number of diode	6
Number of cells	72
Max system voltage	1000 VDC
Temperature coefficients of Pm	-0.45 %/°C
Temperature coefficients of Voc	-0.33 %/°C
Temperature coefficients of Isc	0.055 %/°C
Nominal operating cell temperature	45 °C ± 3 °C
Output tolerance	0 ~5W, +/ -3%
Standard test conditions	STC: AM1.5, 1000 W/m², Module Temperature 25 °C

Mechanical Characteristics

Dimensions (mm)	1952× 992× 50
Weight (kg)	23
Solar Cells	72 cells(156 mm x 156 mm) configured geometrically for a 6 x 12matrix connected in series
Output cables lengths (mm)	1250
Cable cross section size (mm²)	4
Construction	Front: High transmission 3.2mm tempered glass. Rear. White backsheet; Encapsulant: EVA.