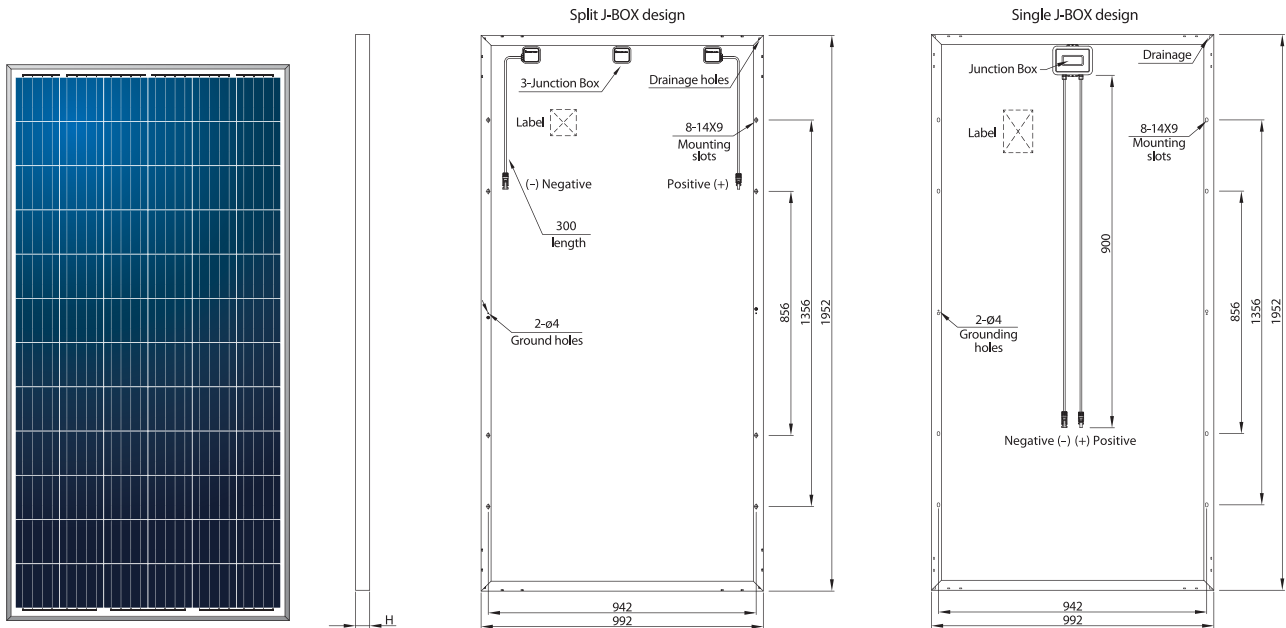


# 4BB HR-300P-24/Ba—HR-330P-24/Ba

Poly-Crystalline Silicon Module

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

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Customized cable length available upon request

## MECHANICAL PARAMETERS

Cell (mm)	156x156 Poly
Weight (kg)	21.5/21.8
Dimensions (LxWxH) (mm)	1952x992x35/40
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells and Connections	72(6x12)
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

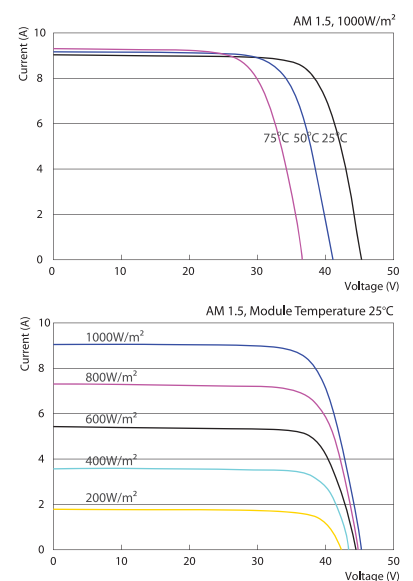
## PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'HC
1952x992x35	Pieces Per Pallet	30	30
	Pallets Per Container	5	22
	Pieces Per Container	150	660
1952x992x40	Pieces Per Pallet	25	25
	Pallets Per Container	5	22
	Pieces Per Container	125	550

## ELECTRICAL PARAMETERS

TYPE	HR-300W	HR-305W	HR-310W	HR-315W	HR-320W	HR-325W	HR-330W	
<b>STC</b> AM 1.5, 1000W/m <sup>2</sup> , Module Temperature 25°C	Rated Max. Power at STC (W)	300	305	310	315	320	330	
	Max. Power Voltage / Vmp (V)	36.30	36.61	36.82	36.98	37.08	37.19	37.25
	Max. Power Current / Imp (A)	8.26	8.33	8.42	8.52	8.63	8.74	8.86
	Open Circuit Voltage / Voc (V)	44.82	44.91	45.05	45.29	45.53	45.72	45.94
	Short Circuit Current / Isc (A)	8.88	8.99	9.10	9.11	9.22	9.31	9.41
Module Efficiency (%)	15.49	15.75	16.01	16.27	16.53	16.78	17.04	
<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)	216.2	219.8	223.1	226.4	230.0	233.40	237.5
	Max. Power Voltage / Vmp (V)	33.00	33.10	33.20	33.30	33.47	33.58	33.64
	Max. Power Current / Imp (A)	6.55	6.64	6.72	6.80	6.87	6.95	7.06
	Open Circuit Voltage / Voc (V)	40.90	41.00	41.10	41.20	41.30	41.40	41.50
	Short Circuit Current / Isc (A)	7.18	7.27	7.35	7.44	7.53	7.62	7.73
Module Efficiency (%)	13.96	14.19	14.40	14.61	14.84	15.07	15.33	
Temperature Coefficient of Pm							-0.44%/°C	
Temperature Coefficient of Voc							-0.32%/°C	
Temperature Coefficient of Isc							+0.055%/°C	
Nominal Operating Cell Temperature							45°C±3°C	
Output Tolerance							0~5W	

## 315W CURVES



## LINEAR WARRANTY

No more than 2.5%  
peak power degradation in  
**1ST YEAR**

No more than 0.72% peak  
power degradation in coming  
**24 YEARS**

Free from defects of  
materials and workmanship for  
**10 YEARS**

