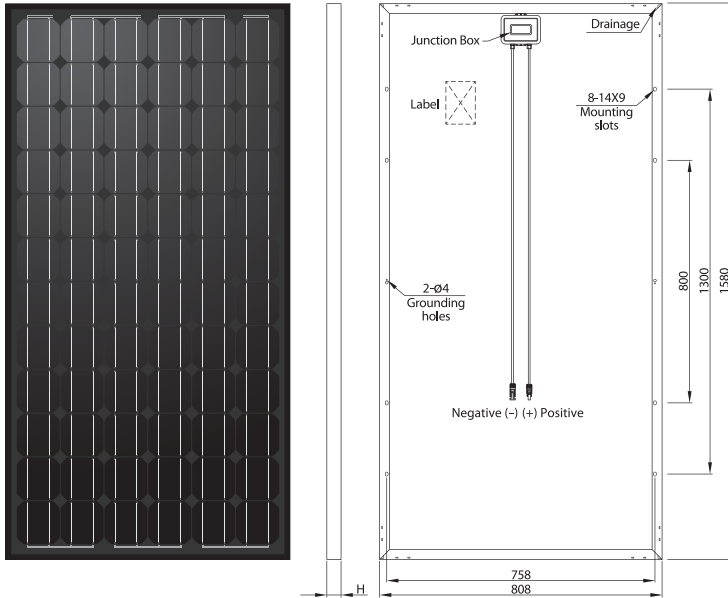


2BB HR-185-24/Aab—HR-205-24/Aab

Mono-Crystalline Silicon Module

Hareon Solar Technology Co., Ltd.

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 www.hareonsolar.com



MECHANICAL PARAMETERS

Cell (mm)	125×125 Mono
Weight (kg)	15.5/15.8
Dimensions (L×W×H) (mm)	1580×808×35/40
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	72(6×12)
No. of Diodes	3

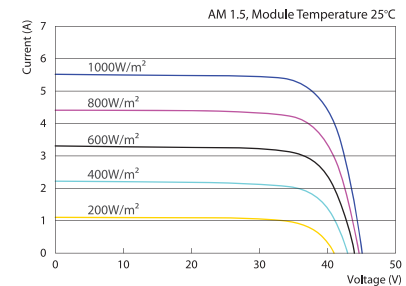
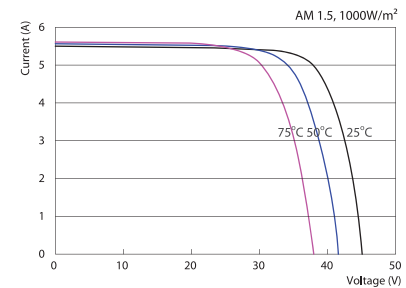
QUALIFICATION

Max. System Voltage	1000VDC
Temperature Cycling Range	-40°C~+85°C
Max. Series Fuse	12 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-185W	HR-190W	HR-195W	HR-200W	HR-205W	
STC AM 1.5, 1000W/m ² , Module Temperature 25°C	Rated Max. Power at STC (W)	185	190	195	200	205
	Max. Power Voltage / Vmp (V)	36.60	37.04	37.89	37.93	38.05
	Max. Power Current / Imp (A)	5.05	5.13	5.15	5.27	5.39
	Open Circuit Voltage / Voc (V)	45.20	45.28	45.50	45.68	45.91
	Short Circuit Current / Isc (A)	5.32	5.45	5.48	5.69	5.79
	Module Efficiency (%)	14.49	14.88	15.27	15.67	16.06
NOCT AM 1.5, 800W/m ² , Ambient Temperature 20°C, Wind Speed 1m/s	Rated Max. Power at NOCT (W)	133.6	137.3	138.8	143.6	147.1
	Max. Power Voltage / Vmp (V)	33.80	33.90	34.00	34.10	34.20
	Max. Power Current / Imp (A)	3.95	4.05	4.08	4.21	4.30
	Open Circuit Voltage / Voc (V)	41.20	41.30	41.40	41.60	41.80
	Short Circuit Current / Isc (A)	4.30	4.41	4.43	4.60	4.68
	Module Efficiency (%)	13.08	13.44	13.59	14.06	14.40
Temperature Coefficient of Pm	-0.41%/°C					
Temperature Coefficient of Voc	-0.31%/°C					
Temperature Coefficient of Isc	+0.047%/°C					
Nominal Operating Cell Temperature	45°C±3°C					
Output Tolerance	0~5W					

195W CURVES



PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'HC
1580×808×35	Pieces Per Pallet	28	28
	Pallets Per Container	12	28
	Pieces Per Container	336	784
1580×808×40	Pieces Per Pallet	25	25
	Pallets Per Container	12	28
	Pieces Per Container	300	700

LINEAR WARRANTY

- No more than 3% peak power degradation in 1st year;
- No more than 0.7% peak power degradation in coming 24 years;
- Free from defects of materials and workmanship for 10 years.

