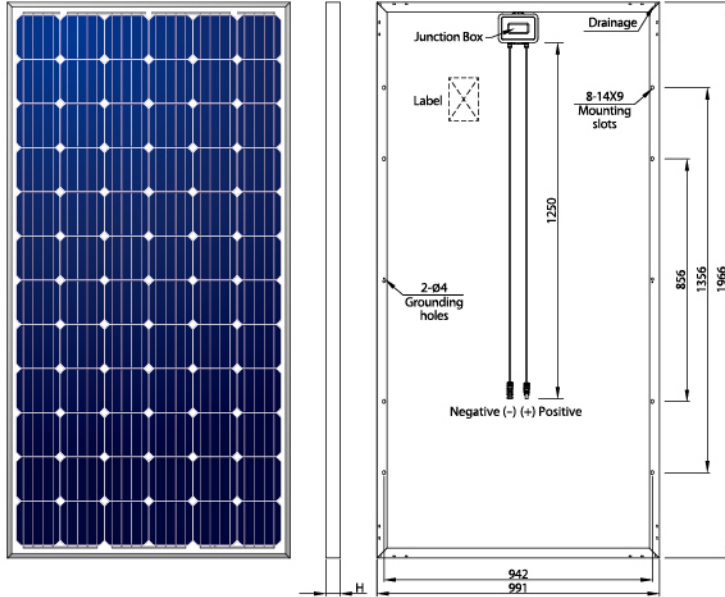


HR-320-24/Ca—HR-345-24/Ca

Monocrystalline Silicon Module

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PARAMETERS

Cell (mm)	156x156 Mono
Weight (kg)	21.9/22.2
Dimensions (LxWxH) (mm)	1966x991x35/40
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	72(6x12)
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

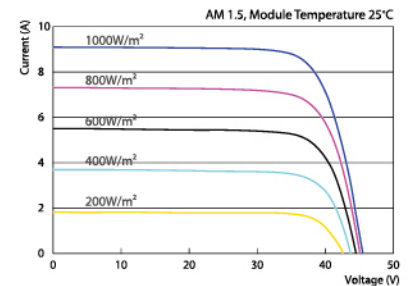
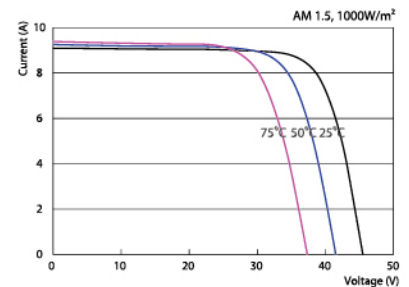
ELECTRICAL PARAMETERS

TYPE	HR-320W	HR-325W	HR-330W	HR-335W	HR-340W	HR-345W	
STC AM 1.5, 1000W/m ² , Module Temperature 25°C	Rated Max. Power at STC (W)	320	325	330	335	340	345
	Max. Power Voltage / Vmp (V)	37.04	37.15	37.21	37.31	37.37	37.42
	Max. Power Current / Imp (A)	8.64	8.75	8.87	8.98	9.10	9.22
	Open Circuit Voltage / Voc (V)	45.80	45.98	46.15	46.26	46.35	46.44
	Short Circuit Current / Isc (A)	9.25	9.32	9.43	9.53	9.61	9.69
Module Efficiency (%)	16.42	16.68	16.93	17.19	17.45	17.70	
NOCT AM 1.5, 800W/m ² , Ambient Temperature 20°C, Wind Speed 1m/s	Rated Max. Power at NOCT (W)	232.5	237.0	239.7	243.5	246.9	249.8
	Max. Power Voltage / Vmp (V)	34.00	34.10	34.20	34.26	34.40	34.50
	Max. Power Current / Imp (A)	6.84	6.95	7.01	7.11	7.18	7.24
	Open Circuit Voltage / Voc (V)	42.10	42.20	42.30	42.40	42.50	42.60
	Short Circuit Current / Isc (A)	7.39	7.47	7.56	7.63	7.71	7.77
Module Efficiency (%)	14.91	15.20	15.37	15.62	15.84	16.02	
Temperature Coefficient of Pm	-0.42%/°C						
Temperature Coefficient of Voc	-0.322%/°C						
Temperature Coefficient of Isc	+0.055%/°C						
Nominal Operating Cell Temperature	45°C±3°C						
Output Tolerance	0~5W						

PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'HC
1966x991x35	Pieces Per Pallet	30	30
	Pallets Per Container	5	22
	Pieces Per Container	150	660
1966x991x40	Pieces Per Pallet	26	26
	Pallets Per Container	5	22
	Pieces Per Container	130	572

335W CURVES



LINEAR WARRANTY

- No more than 3% 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.

