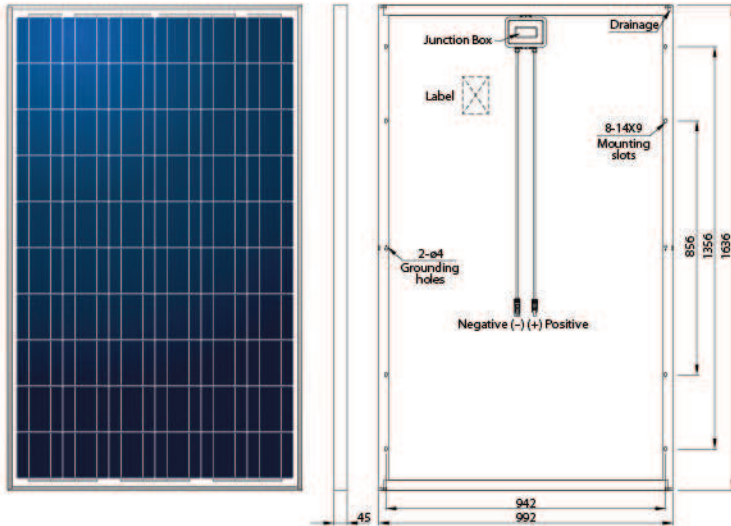


2BB HR225D6P—HR245D6P

Poly-Crystalline Silicon Module



MECHANICAL PARAMETERS

Cell (mm)	156x156 Poly
Weight (kg)	19.5
Dimensions (LxWxH) (mm)	1636x992x45
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	60(6x10)
No. of Diodes	3

QUALIFICATION

Max. System Voltage	1000VDC
Temperature Cycling Range	-40°C~+85°C
Max. Series Fuse	15 A
Max. Wind Load	2400Pa
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-225W	HR-230W	HR-235W	HR-240W	HR-245W	
STC	Rated Max. Power at STC (W)	225	230	235	240	245	
	AM 1.5, 1000W/m ² , Module Temperature 25°C	Max. Power Voltage / Vmp (V)	29.22	29.34	29.49	29.67	29.88
		Max. Power Current / Imp (A)	7.70	7.84	7.97	8.09	8.20
	Open Circuit Voltage / Voc (V)	36.95	37.05	37.16	37.25	37.34	
	Short Circuit Current / Isc (A)	8.08	8.23	8.32	8.48	8.63	
	Module Efficiency (%)	13.86	14.17	14.48	14.79	15.10	
NOCT	Rated Max. Power at NOCT (W)	160	164	167	172	176	
	AM 1.5, 800W/m ² , Ambient Temperature 20°C, Wind Speed 1m/s	Max. Power Voltage / Vmp (V)	25.64	25.73	25.84	25.96	26.06
		Max. Power Current / Imp (A)	6.22	6.36	6.48	6.61	6.75
	Open Circuit Voltage / Voc (V)	33.74	33.85	33.95	34.06	34.20	
	Short Circuit Current / Isc (A)	6.55	6.69	6.82	6.96	7.10	
	Module Efficiency (%)	12.33	12.64	12.86	13.25	13.55	
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				

235W CURVES

