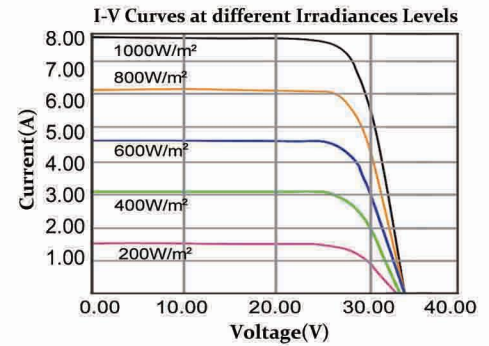
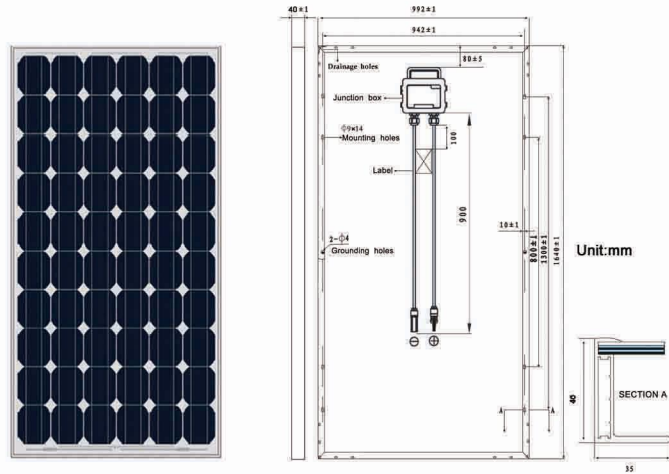


MONOCRYSTALLINE SOLAR MODULE

HSPV215-260Wp 156M 60 SERIES



I-V CURVE



MECHANICAL PARAMETERS

Solar Cell	60(6x10) mono solar cells 156 x 156 mm
Front Cover	3.2 mm thick, tempered glass
Back Cover	TPT (Tedlar-PET-Tedlar)
Encapsulant	EVA (ethylene vinyl acetate)
Frame	Double-layer anodized aluminium alloy
Junction Box	IP65 rated
Cables/Connectors	4.0 mm ² 900mm / MC4 or compatible connectors
Dimensions	1640×992×40 mm
Weight	19.5kg

WORKING CONDITIONS

Maximum System Voltage	DC1000V (IEC)
Maximum Series Fuse	15 A
Operating Temperature	-40℃ ~ +85℃
Storage Temperature	-40℃ ~ +85℃
Max. Wind Load / Max. Snow Load	2400Pa / 5400Pa
Application Class	Class A
Module Area (m ²)	1.63m ²
Packing configuration	300 Pcs./ 20 ft.container 624 Pcs./ 40 ft.container

ELECTRICAL PARAMETERS

Module Type	HSPV215Wp -156-60M	HSPV220Wp -156-60M	HSPV225W -156-60M	HSPV230Wp -156-60M	HSPV235Wp -156-60M	HSPV240Wp -156-60M	HSPV245Wp -156-60M	HSPV250Wp -156-60M	HSPV255Wp -156-60M	HSPV260Wp -156-60M
Maximum power at STC (Pmax)	215w	220w	225w	230w	235w	240w	245w	250w	255w	260w
Maximum power voltage (Vmp)	29.3	29.4	29.5	29.6	29.7	29.8	29.9	30.0	30.1	30.2
Maximum power current (Imp)	7.34	7.48	7.63	7.77	7.91	8.05	8.19	8.33	8.47	8.61
Open circuit voltage (Voc)	36.0	36.2	36.2	36.4	36.5	37.0	37.2	37.4	37.6	37.8
Short circuit current (Isc)	8.10	8.15	8.17	8.29	8.47	8.61	8.77	8.83	8.89	9.02
Nominal Operating Cell Temperature	45 ± 2℃									
Temperature coefficients of Isc	+0.049% /℃									
Temperature coefficients of Voc	-0.340% /℃									
Temperature coefficients of Pmax	-0.430% /℃									
Standard Test Conditions (STC)	Irradiance 1000W/m ² , Module temperature 25℃, Air Mass (AM)=1.5									
Power Production Tolerance	± 3%									

GUARANTEE

10 years for product defects in materials & workmanship
 25 years transferrable power output warranty: 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output



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