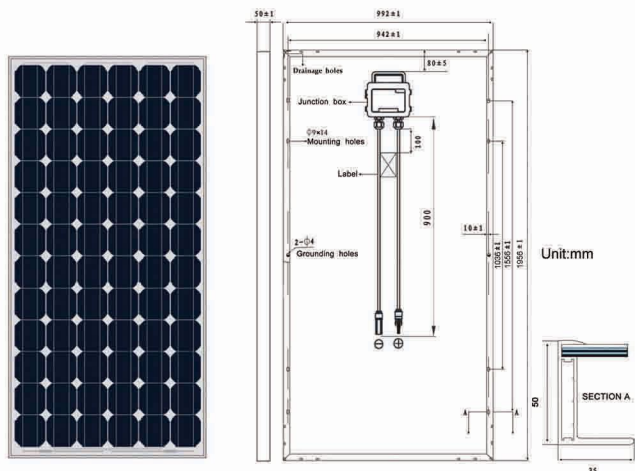
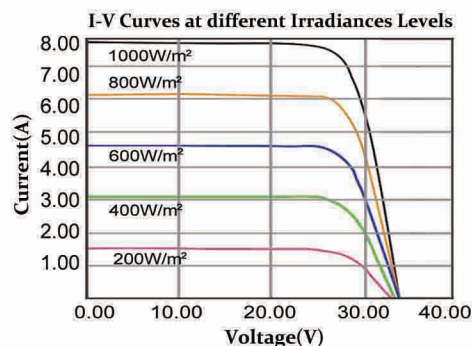


MONOCRYSTALLINE SOLAR MODULE

HSPV260-315Wp 156M 72 SERIES



I-V CURVE



MECHANICAL PARAMETERS

Solar Cell	72(6x12) monocrystalline silicon 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	1956x992x50 mm
Weight	25kg

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)	1.94m ²
Packing configuration	300 Pcs./20 ft.container 624 Pcs./40 ft.container

ELECTRICAL PARAMETERS

Module Type	HSPV260Wp -156-72M	HSPV265Wp -156-72M	HSPV270Wp -156-72M	HSPV275Wp -156-72M	HSPV280Wp -156-72M	HSPV285Wp -156-72M	HSPV290Wp -156-72M	HSPV295Wp -156-72M	HSPV300Wp -156-72M	HSPV305Wp -156-72M	HSPV310Wp -156-72M	HSPV315Wp -156-72M
Maximum power at STC (Pmax)	260w	265w	270w	275w	280w	285w	290w	295w	300w	305w	310w	315w
Maximum power voltage (Vmp)	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.7	36.7	36.8	36.8
Maximum power current (Imp)	7.36	7.34	7.46	7.58	7.69	7.81	7.92	8.04	8.17	8.31	8.42	8.56
Open circuit voltage (Voc)	44.0	44.2	44.4	44.5	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.1
Short circuit current (Isc)	8.00	8.10	8.20	8.30	8.32	8.45	8.42	8.63	8.63	8.80	8.94	9.10
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/m2, 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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