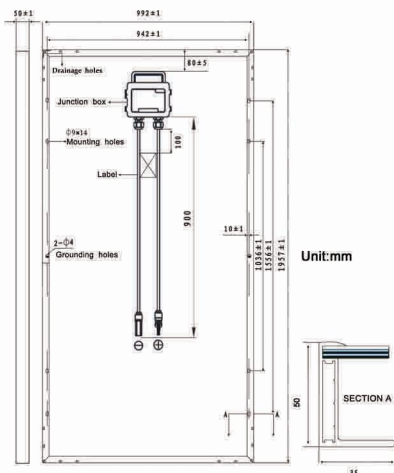
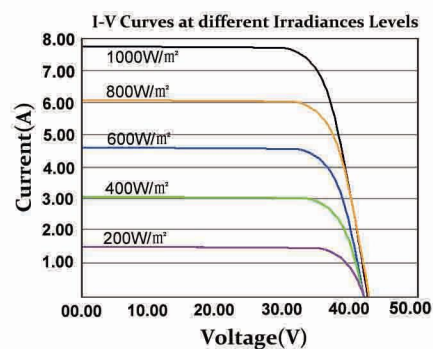


POLYCRYSTALLINE SOLAR MODULE

HSPV260-310Wp 156P 72 SERIES



I-V CURVE



MECHANICAL PARAMETERS

Solar Cell	72(6x12) polycrystalline 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	220Pcs./20ft.container 462 Pcs./ 40 ft. container

ELECTRICAL PARAMETERS

Module Type	HSPV260Wp -156-72P	HSPV265Wp -156-72P	HSPV270Wp -156-72P	HSPV275Wp -156-72P	HSPV280Wp -156-72P	HSPV285Wp -156-72P	HSPV290Wp -156-72P	HSPV295Wp -156-72P	HSPV300Wp -156-72P	HSPV305Wp -156-72P	HSPV310Wp -156-72P
Maximum power at STC (Pmax)	260w	265w	270w	275w	280w	285w	290w	295w	300w	305w	310w
Maximum power voltage (Vmp)	35.3	35.4	35.5	35.6	35.7	35.8	35.9	36.0	36.1	36.2	36.3
Maximum power current (Imp)	7.37	7.49	7.61	7.72	7.84	7.96	8.08	8.19	8.31	8.43	8.54
Open circuit voltage (Voc)	43.0	43.2	43.2	43.2	44.3	43.6	43.7	43.7	44.0	44.2	44.3
Short circuit current (Isc)	8.06	8.18	8.33	8.48	8.62	8.71	8.73	8.88	8.97	9.08	9.20
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



SHANDONG HILIGHT-SOLAR CO.,LTD. Add:Mazhuang Country Daixi Office,Zouping,Shandong,China 256200

Tel:(86) 543 4349525

Email:info@hilight-solar.com

www.hilight-solar.com