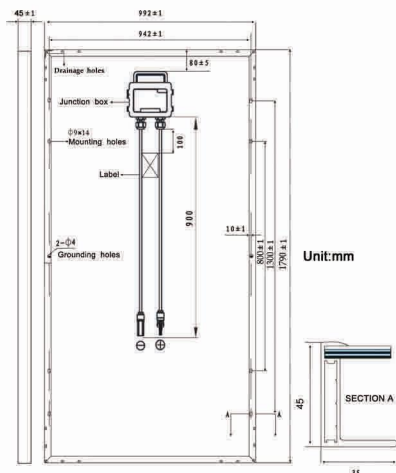
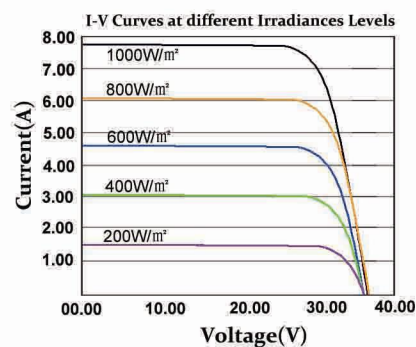


POLYCRYSTALLINE SOLAR MODULE

HSPV235-285Wp 156P 66 SERIES

I-V CURVE



MECHANICAL PARAMETERS

Solar Cell	66(6x11) 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 m.m ² 900mm / MC4 or compatible connectors
Dimensions	1790x992x45 mm
Weight	22kg

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)	1.78m ²
Packing configuration	216 Pcs./ 20 ft, container 446 Pcs./ 40 ft, container

ELECTRICAL PARAMETERS

Module Type	HSPV-235Wp -156-66P	HSPV-240Wp -156-66P	HSPV-245Wp -156-66P	HSPV-250Wp -156-66P	HSPV-255Wp -156-66P	HSPV-260Wp -156-66P	HSPV-265Wp -156-66P	HSPV-270Wp -156-66P	HSPV-275Wp -156-66P	HSPV-280Wp -156-66P	HSPV-285Wp -156-66P
Maximum power at STC (Pmax)	235w	240w	245w	250w	255w	260w	265w	270w	275w	280w	285w
Maximum power voltage (Vmp)	32.5	32.6	32.7	32.8	32.9	33.0	33.0	33.1	33.2	33.3	33.3
Maximum power current (Imp)	7.23	7.36	7.49	7.62	7.75	7.88	8.03	8.16	8.28	8.41	8.56
Open circuit voltage (Voc)	39.0	39.2	39.4	39.6	39.7	39.8	40.0	40.0	40.2	40.2	40.3
Short circuit current (Isc)	8.03	8.16	8.29	8.42	8.56	8.60	8.72	8.77	8.88	9.04	9.18
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

