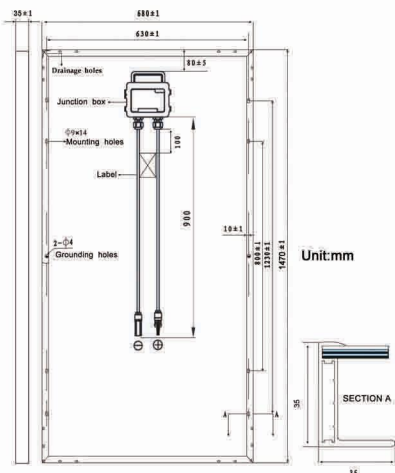
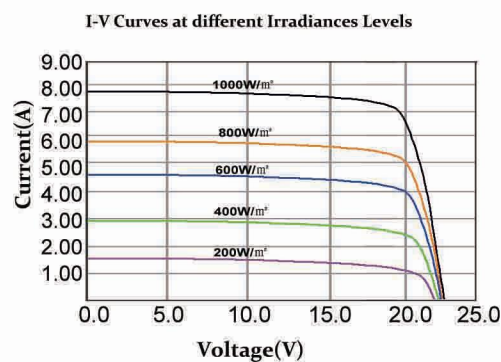


# POLYCRYSTALLINE SOLAR MODULE

## HSPV130-155Wp 156P 36 SERIES



### I-V CURVE



### MECHANICAL PARAMETERS

Solar Cell	36(4x9) poly 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 <sup>2</sup> 900mm / MC4 or compatible connectors
Dimensions	1470×680×35 mm
Weight	12.0 kg

### 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 <sup>2</sup> )	1.00m <sup>2</sup>
Packing configuration	440 Pcs./ 20 ft, container 920 Pcs./ 40 ft, container

### ELECTRICAL PARAMETERS

Module Type	HSPV-130Wp-156 -36P	HSPV-135Wp-156 -36P	HSPV-140Wp-156 -36P	HSPV-145Wp-156 -36P	HSPV-150Wp-156 -36P	HSPV-155Wp-156 -36P
Maximum power at STC (Pmax)	130w	135w	140w	145w	150w	155w
Maximum power voltage (Vmp)	17.5	17.6	17.7	17.8	17.9	18.0
Maximum power current (Imp)	6.04	6.25	6.36	6.53	6.70	6.86
Open circuit voltage (Voc)	21.5	21.6	22.0	22.2	22.4	22.6
Short circuit current (Isc)	8.06	8.33	8.48	8.59	8.81	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 <sup>2</sup> , 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

