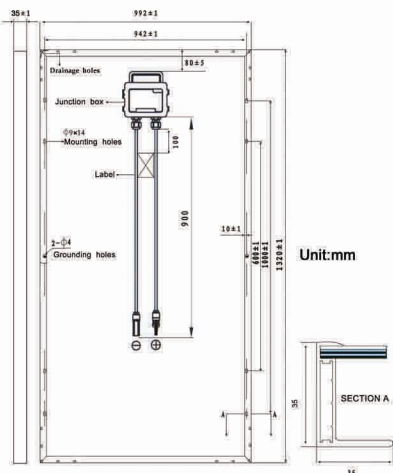
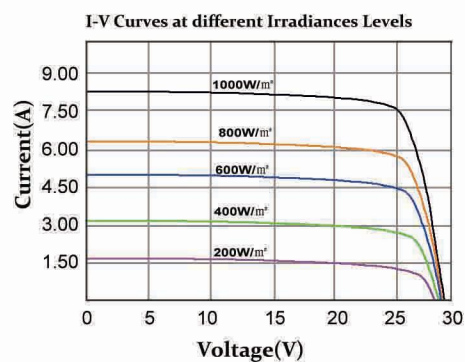


# POLYCRYSTALLINE SOLAR MODULE

## HSPV175-200Wp 156P 48 SERIES



### I-V CURVE



### MECHANICAL PARAMETERS

Solar Cell	48(6x8) 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/Connector	4.0 mm <sup>2</sup> 900mm / MC4 or compatible connectors
Dimensions	1320×992×35 mm
Weight	15.7 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> )	1.31m <sup>2</sup>
Packing configuration	334 Pcs./ 20 ft, container 720 Pcs./ 40 ft, container

### ELECTRICAL PARAMETERS

Module Type	HSPV-175Wp-156 -48P	HSPV-180Wp-156 -48P	HSPV-185Wp-156 -48P	HSPV-190Wp-156 -48P	HSPV-195Wp-156 -48P	HSPV-200Wp-156 -48P
Maximum power at STC (Pmax)	175w	180w	185w	190w	195w	200w
Maximum power voltage (Vmp)	23.7	23.7	23.8	23.9	23.9	24.0
Maximum power current (Imp)	7.38	7.59	7.77	7.95	8.16	8.33
Open circuit voltage (Voc)	28.6	28.6	28.8	29.0	29.2	29.4
Short circuit current (Isc)	8.16	8.39	8.45	8.62	8.84	8.90
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



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