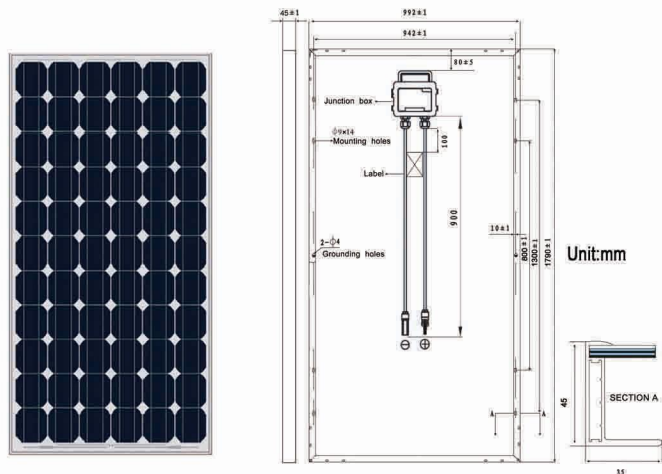
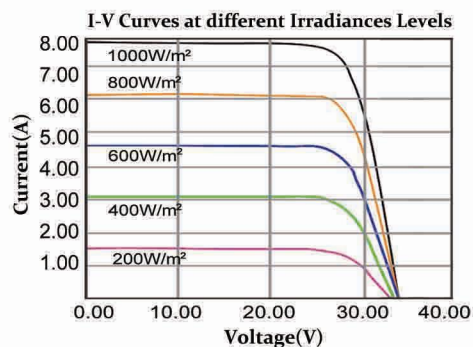


# MONOCRYSTALLINE SOLAR MODULE

## HSPV240-285Wp 156M 66 SERIES



### I-V CURVE



### MECHANICAL PARAMETERS

Solar Cell	66(6x11) mono 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	1790×992×45 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 <sup>2</sup> )	1.78m <sup>2</sup>
Packing configuration	216 Pcs./ 20 ft, container 446 Pcs./ 40 ft, container

### ELECTRICAL PARAMETERS

Module Type	HSPV240Wp -156-66M	HSPV245Wp -156-66M	HSPV250Wp -156-66M	HSPV255Wp -156-66M	HSPV260Wp -156-66M	HSPV265Wp -156-66M	HSPV270Wp -156-66M	HSPV275Wp -156-66M	HSPV280Wp -156-66M	HSPV285Wp -156-66M
Maximum power at STC (Pmax)	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
Maximum power current (Imp)	7.38	7.52	7.65	7.77	7.90	8.03	8.18	8.31	8.43	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
Short circuit current (Isc)	8.20	8.30	8.46	8.58	8.73	8.88	9.00	9.16	9.28	9.45
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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