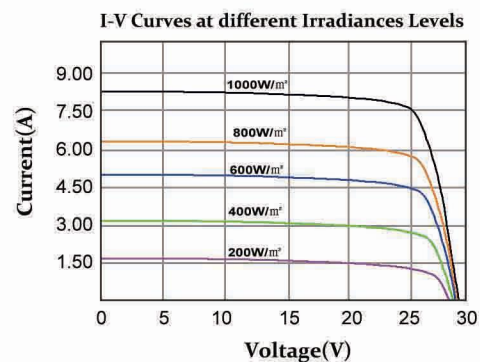
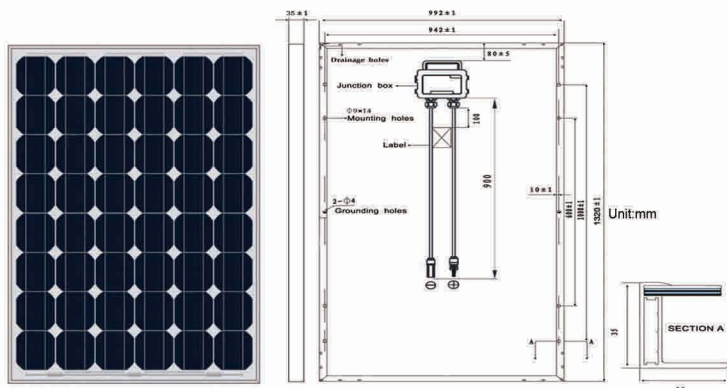


MONOCRYSTALLINE SOLAR MODULE

HSPV175-210Wp 156M 48 SERIES



I-V CURVE



MECHANICAL PARAMETERS

| | |
|-------------------|--|
| Solar Cell | 48(6x8) 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 ² 900mm / MC4 or compatible connectors |
| Dimensions | 1320×992×35 mm |
| Weight | 15.7kg |

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) | 1.31m ² |
| Packing configuration | 334 Pcs./ 20 ft, container 720 Pcs./ 40 ft, container |

ELECTRICAL PARAMETERS

| Module Type | HSPV175Wp -156-48M | HSPV180Wp -156-48M | HSPV185Wp -156-48M | HSPV190Wp -156-48M | HSPV195Wp -156-48M | HSPV200Wp -156-48M | HSPV205Wp -156-48M | HSPV210Wp -156-48M |
|------------------------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Maximum power at STC (Pmax) | 175w | 180w | 185w | 190w | 195w | 200w | 205w | 210w |
| Maximum power voltage (Vmp) | 23.5 | 23.6 | 23.7 | 23.7 | 23.8 | 23.9 | 23.9 | 24.0 |
| Maximum power current (Imp) | 7.45 | 7.63 | 7.81 | 8.02 | 8.19 | 8.37 | 8.58 | 8.75 |
| Open circuit voltage (Voc) | 28.6 | 28.7 | 28.8 | 28.8 | 29.0 | 29.0 | 29.2 | 29.2 |
| Short circuit current (Isc) | 8.16 | 8.36 | 8.45 | 8.47 | 8.85 | 9.08 | 9.24 | 9.46 |
| 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 ² , 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