

SPM125P

FEATURE:

- IEC61215, TUV certification
- UL 1703 certification
- ETL Class I, Division 2, Groups C and D certification
- Using high efficiency 6" Multicrystalline cells.
- Using low iron tempered glass and an EVA pottant with TPT back sheet to encapsulated cells.
- Anodized aluminum frame protected structural strength.
- 10 years limited warranty of 90% power output and 25 years limited warranty of 80% power output.



High-efficiency, High-Quality Multicrystalline Photovoltaic Module

SOLARTECH POWER manufactures clean, elegant and durable modules with advanced industry-leading performance for different electrical power requirements. It is designed and built to deliver highest efficiency and reliable power for on-grid residential and commercial systems worldwide.



Solartech 125Watt panels could applied in Residential roof top systems, Large commercial grid tie systems, Water Pumping systems, High Voltage stand alone systems, electrification of villages in remote areas, Power source for summer vacation homes, etc.

UL No.: E330673 TUV No.:0000022551 IEC No.:C1-ASN07001 ETL No.:4001057

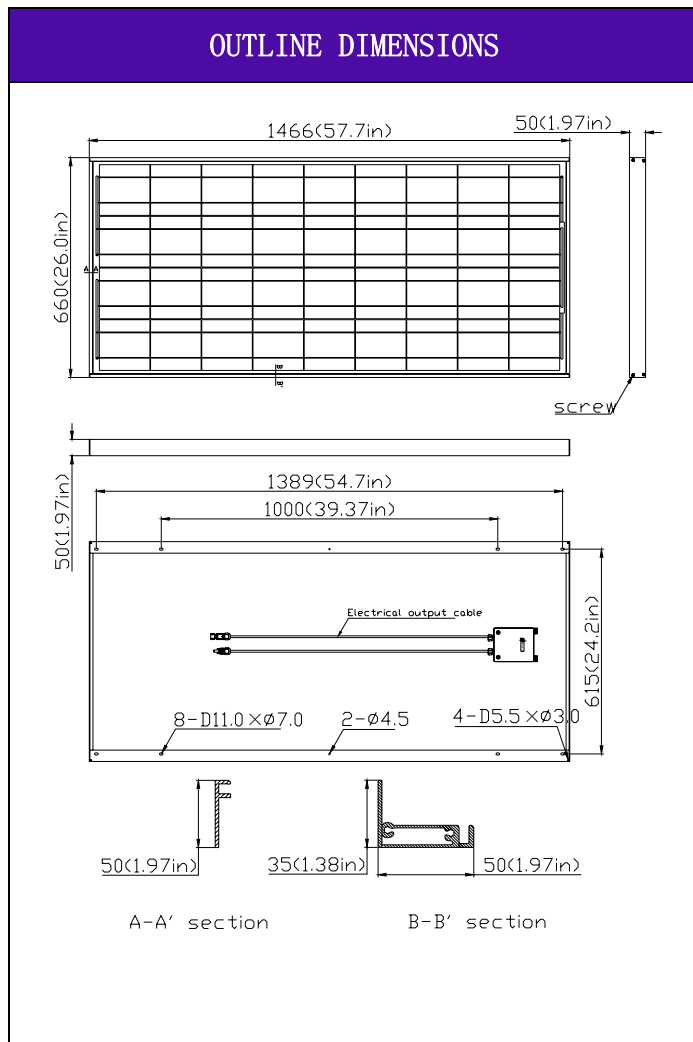
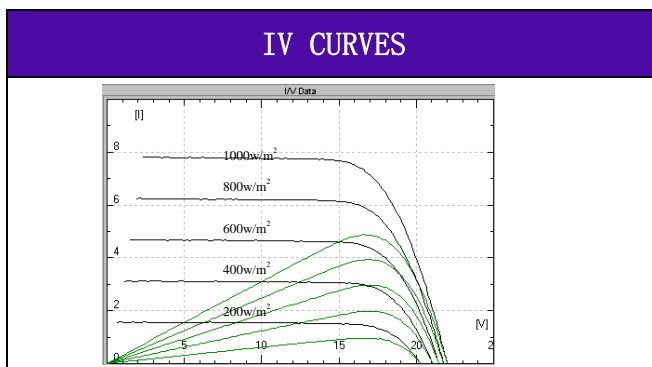


| ELECTRICAL CHARACTERISTICS | | | | |
|---|--|----------------------------|-----------------------------|---------|
| | SPM135P | SPM130P | SPM125P | SPM120P |
| Power at STC(P _m) | 135W | 130W | 125W | 120W |
| Maximum power voltage(V _{pm}) | 18.3V | 18.1V | 18.0V | 17.3V |
| Maximum power current(I _{pm}) | 7.56A | 7.38A | 7.11A | 7.0A |
| Open circuit voltage(V _{oc}) | 22.2V | 22.0V | 21.9V | 21.9V |
| Short circuit current(I _{sc}) | 8.08A | 7.89A | 7.68A | 7.72A |
| Tolerance | ±5% | ±5% | ±5% | ±5% |
| Module efficiency | 13.47% | 12.97% | 12.47% | 11.98% |
| Standard test conditions | Temperature 25°C, Irradiance 1000W/m ² , AM=1.5 | | | |
| Maximum system voltage | 1000V DC | Series fuse rating | 12A | |
| Temperature coefficient | I _{sc} :0.05%/K | V _{oc} : -0.36%/K | P _{max} : -0.46%/K | |

| Specifications | |
|----------------------------|---|
| Cell | Polycrystalline silicon solar cell, (156mmx156mm) |
| No. of cell and connection | 36(4x9) |
| Dimension | 1466mm (57.7in) x660mm (26.0in) x50mm (1.97in) |
| Weight | 12KG |

| AMBIENT CONDITIONS | |
|-----------------------|----------------|
| Operating Temperature | -40°C to +85°C |
| Storage Humidity | <90% |

| Output | |
|-------------------------|--------------|
| Type of output terminal | Junction box |
| Cable | Length 900mm |



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