

SPM080M

Monocrystalline Silicon Photovoltaic Module

FEATURE:

- TUV certification
- UL certification
- High power module using 5" monocrystalline solar cell.
- Using low iron tempered glass, EVA laminate TPT backsheet.
- Anodize aluminum frame protected.
- 10 years limited warranty of 90% power output and 25 years limited warranty of 80% power output.
- diodes to avoid power decreasing by shade.
- 288 pcs in 20' container, 720 pcs in 40' container.(6 pcs in one carton)



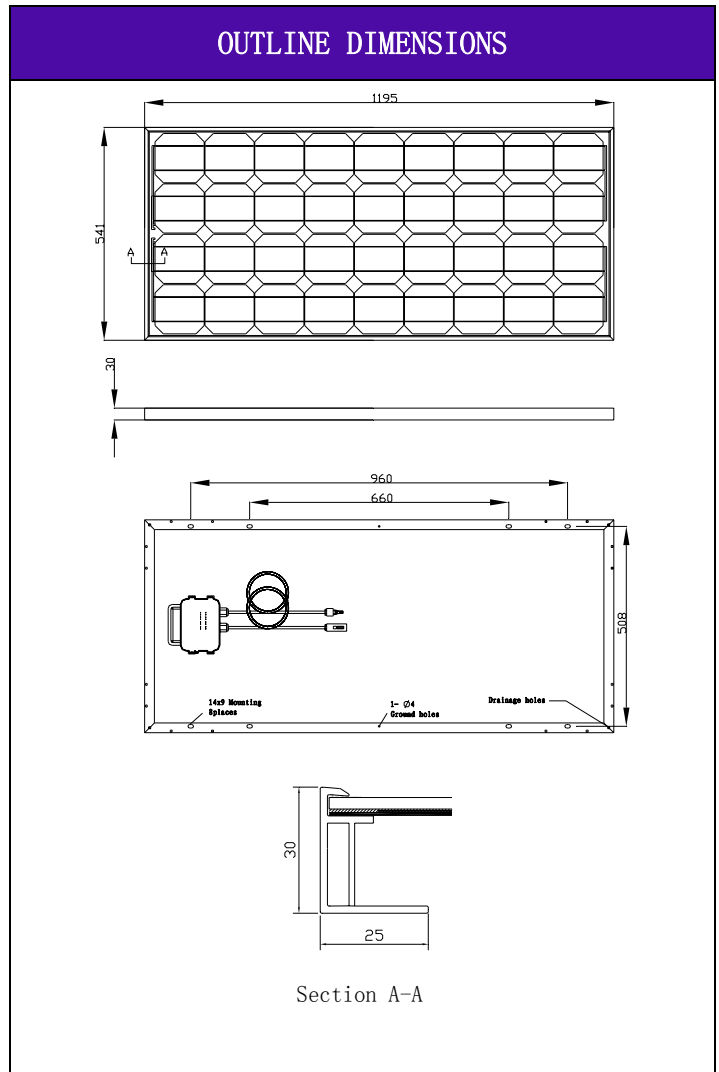
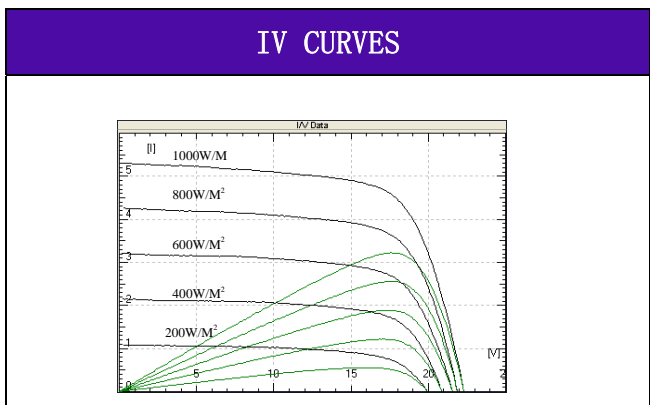
 **Solartech** Power, Inc.
SPECIFICATIONS

| ELECTRICAL CHARACTERISTICS | | | |
|-----------------------------|--|--------------|--------------|
| | SPM085M | SPM080M | SPM075M |
| Power at STC (Pm) | 85W | 80W | 75W |
| Maximum power voltage (Vpm) | 17.9V | 17.68V | 17.3V |
| Maximum power current (Ipm) | 4.75A | 4.55A | 4.33A |
| Open circuit voltage (Voc) | 21.9V | 21.7V | 21.2V |
| Short circuit current (Isc) | 5.2A | 4.9A | 4.7A |
| Tolerance | ±5% | ±5% | ±5% |
| Module efficiency | 13.1% | 12.4% | 11.6% |
| Maximum system voltage | 1000V DC | | |
| Standard test conditions | Temperature 25°C, Irradiance 1000W/m ² , AM=1.5 | | |
| Temperature coefficient | Isc:0.06%/K | Voc:-0.36%/K | Pmax:-0.5%/K |

| Specifications | |
|----------------------------|---|
| Cell | Monocrystalline silicon solar cell, (125mmx125mm) |
| No. of cell and connection | 36 (4x9) |
| Dimension | 1195mmx541mmx30mm |
| Weight | 8KG |

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

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



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