

SPM040P

Multicrystalline Silicon Photovoltaic Module

FEATURE:

- TUV certification
- UL certification
- High power module using 6" Multicrystalline 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.
- 576 pcs in 20' container, 1440 pcs in 40' container.(6 pcs in one carton)



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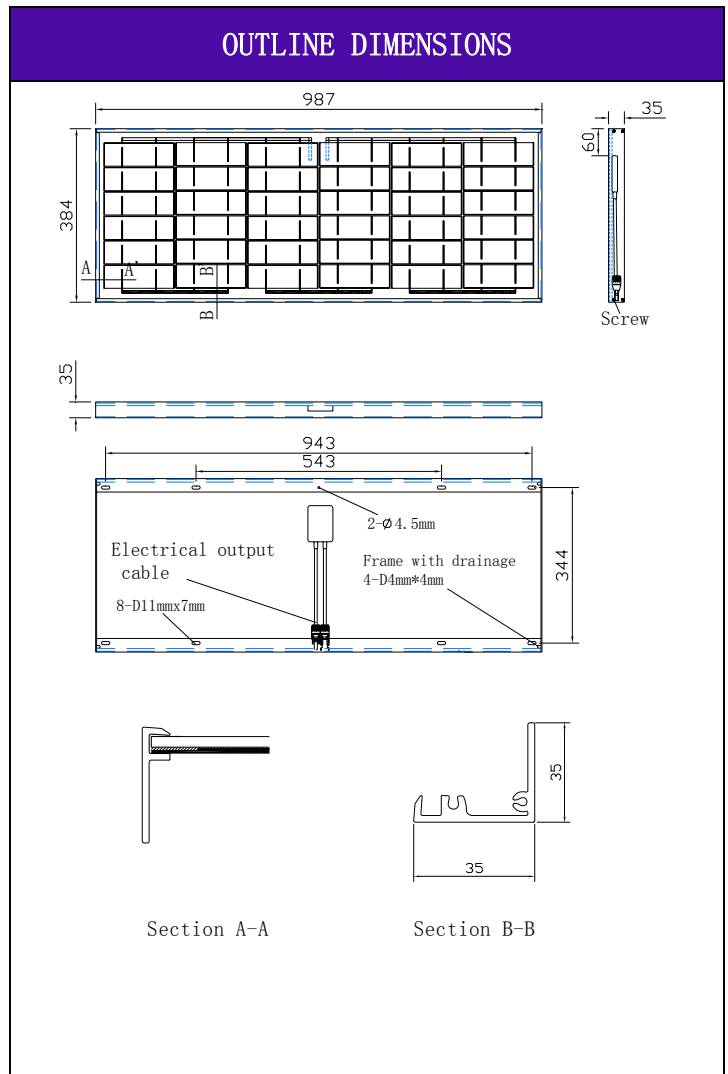
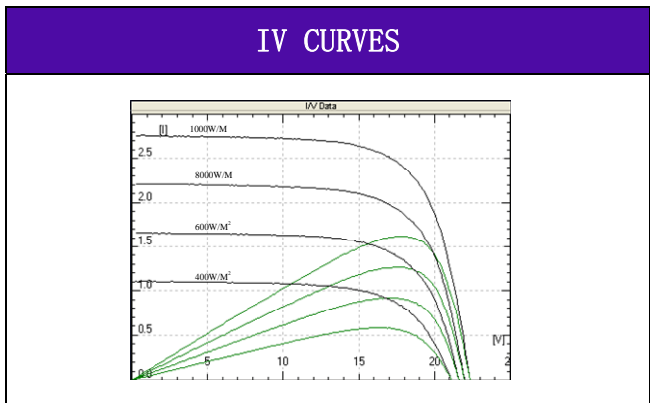
SPECIFICATIONS

| ELECTRICAL CHARACTERISTICS | | | |
|--|--|----------------------------|-----------------------------|
| | SPM045P | SPM040P | |
| Power at STC (P _m) | 45W | 40W | |
| Maximum power voltage (V _{pm}) | 18.2V | 17.2V | |
| Maximum power current (I _{pm}) | 2.45A | 2.4A | |
| Open circuit voltage (V _{oc}) | 22.4V | 22.0V | |
| Short circuit current (I _{sc}) | 2.65A | 2.58A | |
| Tolerance | ±5% | ±5% | |
| Module efficiency | 11.9% | 10.64% | |
| Maximum system voltage | 1000V DC | | |
| Standard test conditions | Temperature 25°C, Irradiance 1000W/m ² , AM=1.5 | | |
| Temperature coefficient | I _{sc} : 0.07%/K | V _{oc} : -0.36%/K | P _{max} : -0.45%/K |

| Specifications | |
|----------------------------|---|
| Cell | Multicrystalline silicon solar cell, (156mmx52mm) |
| No. of cell and connection | 36 (6x6) |
| Dimension | 987mmx384mmx35mm |
| Weight | 4.5KG |

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

| Output | |
|-------------------------|---------------|
| Type of output terminal | Junction box |
| Cable | Length 3000mm |



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