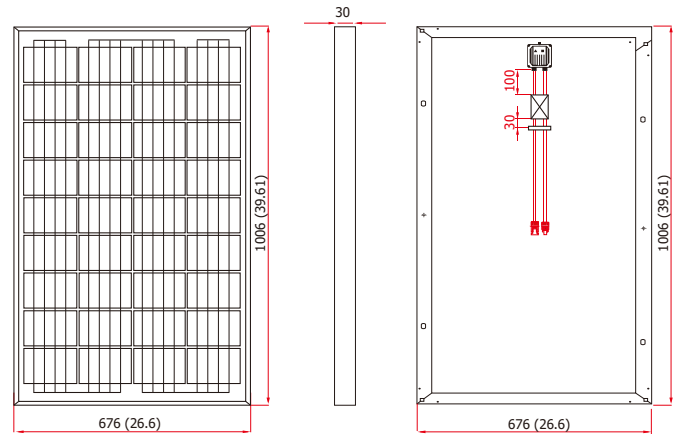


POLYCRYSTALLINE MODULES 100W - 105W



**SOLAR MODULE:
TS-100P, TS-105P**

PHYSICAL CHARACTERISTICS Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

| Model Type | TS-100P | TS-105P |
|---------------------------------|---------|---------------|
| Nominal Maximum Power (Pmax) | 100W | 105W |
| Optimum Operating Voltage (Vmp) | 17.30V | 17.65V |
| Optimum Operating Current (Imp) | 5.78A | 5.95A |
| Open Circuit Voltage (Voc) | 21.30V | 21.50V |
| Short Circuit Current (Isc) | 6.21A | 6.26A |
| Module Efficiency | 13.21% | 15.40% |
| Cell Efficiency | 17.50% | 17.88% |
| Power Tolerance | | 0 to +5W |
| Maximum System Voltage | | DC 1000V |
| Operating Temperature | | -40°C ~ +85°C |
| Maximum Series Fuse Rating | | 15A |
| Number of Bypass Diode | | 2 |

MECHANICAL DATA

| | |
|------------------|--|
| Cell Type | 156mm x 104mm |
| Cell Arrangement | 36 cells in series |
| Dimensions | 1006 x 676 x 30 mm |
| Weight | 8.23kg |
| Front Cover | 3.2mm tempered glass |
| Frame Material | Anodized aluminium alloy |
| J- Box | IP65, 2 diodes |
| Cable | 2.5mm ² (IEC) / 12AWG (UL), 900mm (650mm is optional) |
| Connectors | MC4 or MC4 compatible |

TEMPERATURE CHARACTERISTICS

| | |
|------------------------------------|--------------|
| Temperature Coefficient (Pmax) | -0.410% / °C |
| Temperature Coefficient (Voc) | -0.346% / °C |
| Temperature Coefficient (Isc) | 0.065% / °C |
| Nominal Operating Cell Temperature | 45.3 ± 2 °C |

ELECTRICAL CHARACTERISTICS

