

TECHNICAL DATA SHEET

PS75M、PS80M



Technical Data

| | |
|------------------------------|---------------------------------|
| Type | PS75M、PS80M |
| Type of Solar Cell | Mono-crystalline, 125mm×125mm |
| Number of Cells | 36 pcs |
| Size of module | 1195×550×30mm (125×125mm cell) |
| Module Weight | 8 kg |
| Connector / Cross-Section | Cixi Renhe |
| Cables, Length (+/-) | Customizable |
| Front Cover Glass | Safety Glass |
| Front Cover Glass, Thickness | 3.2 mm |
| Frame | Anodized Aluminium |

Electrical Data

| | | | |
|------------------------|----------------|--------|--------|
| Maximum Power | $P_{MPP\ STC}$ | 75 W | 80 W |
| Power Tolerance | Δ_{STC} | 0~+2% | 0~+2% |
| Maximum Power Voltage | $U_{MPP\ STC}$ | 17.2 V | 17.2 V |
| Maximum Power Current | $I_{MPP\ STC}$ | 4.36 A | 4.65 A |
| Open Circuit Voltage | $U_{OC\ STC}$ | 21.2 V | 21.4 V |
| Short Circuit Current | $I_{SC\ STC}$ | 4.91 A | 4.99 A |
| Cell Efficiency | η_{STC} | 14.0% | 14.9% |
| Maximum System Voltage | U_{DC} | 700 V | 700 V |

STC: Irradiance 1000 W/m²; Spectrum AM 1,5; Cell Temperature 25°C, Wind 0 m/s

Temperature Coefficients

| | | |
|---------------------|----------------------|-------------------|
| Power Coefficient | $\alpha_k (P_{MPP})$ | - 0.45 %/K |
| Voltage Coefficient | $\beta_k (U_{OC})$ | - 0.35 %/K |
| Current Coefficient | $\phi_k (I_{SC})$ | 0.065 ± 0.015 %/K |

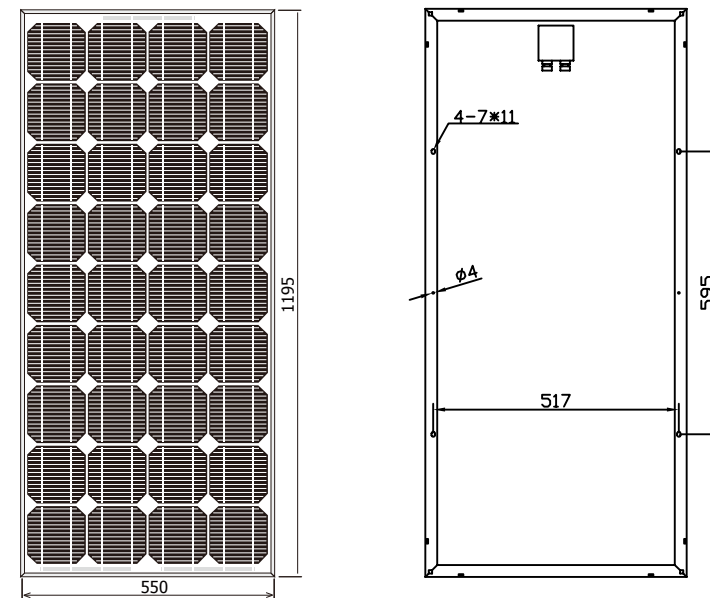
Power Warranty

10 years performance warranty to 90 %

25 years performance warranty to 80 %

5 years warranty against production and material defects

Engineering Drawing



Power Blessed Co., Ltd Add: No. 7237, Hunan Rd. Pudong Shanghai 201318, China

Tel:+86 21 58170702 Fax:+86 21 51062610 Email:info@powerblessed.com

