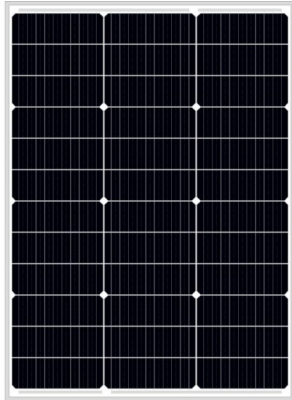


12 YEARS
Guarantee on product material and workmanship

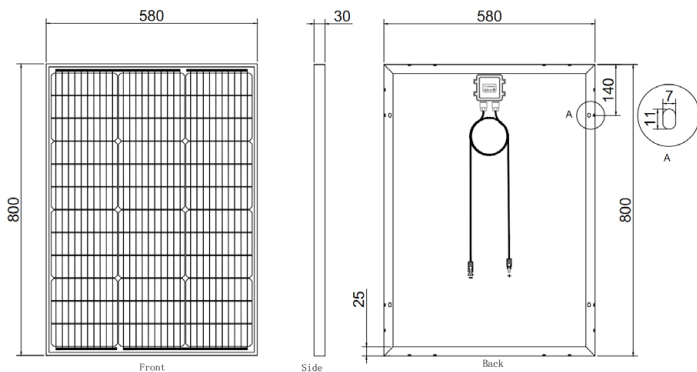
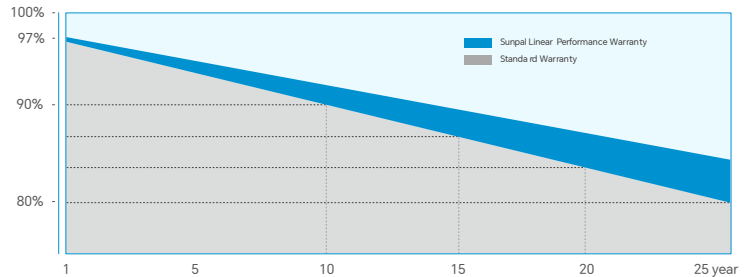
25 YEARS
Linear Power output warranty

STC irradiance
STC irradiance 1000W/m²
Cell Temperature 25°C AM=1.5

NOCT irradiance
NOCT irradiance 800W/m²
Ambient Temperature 20°C AM=1.5



Additional Value



MECHANICAL CHARACTERISTICS

| | |
|-------------------------|--|
| Cell Type | 182x60.66Mono |
| No. of Cells | 36(3x12) |
| Dimensions | 800*580*30mm |
| Weight | 4.87kg |
| Front Glass | 3.2mm high transmission low iron, tempered glass |
| Frame | Anodized Aluminium Alloy |
| Junction box | IP65/IP67 |
| Output cables | 2.5mm ² cable 50cm+mc4 |
| Max Wind Load/Snow Load | 2400Pa/5400 Pa |

ELECTRICAL DATA(STC)

| Model Type | FG 80M-36 | FG90M-36 |
|----------------------------|-----------|----------|
| Peak Power(Pmax) | 80W | 90W |
| Maximum Power Voltage(Vmp) | 19.05 | 21.18 |
| Maximum Power Current(Imp) | 4.2 | 4.25 |
| Open Circuit Voltage(Voc) | 22.23 | 24.09 |
| Short Circuit Current(Isc) | 4.45 | 4.46 |
| Module Efficiency(%) | 17.24 | 19.4 |

* STC: irradiance 1000 W/m², AM 15G, and cell temperature of 25°C

TEMPERATURE & MAXIMUM RATING

| | |
|---|-----------|
| Maximum System Voltage(V) | 1000 |
| Maximum Series Fuse Rating(A) | 10 |
| Power Tolerance | 0~+3% |
| Pmax Temperature Coefficients(W/°C) | -0.350% |
| Voc Temperature Coefficients(V/°C) | -0.270% |
| Isc Temperature Coefficients(A/°C) | +0.048% |
| NOCT Nominal Operating Cell Temperature(°C) | 45±2 |
| Operating and Storage Temperature(°C) | -40 ~ +85 |

PACKING WAY

| | |
|------|---------------------|
| 20FT | 14 Packages/1344PCS |
| 40HQ | 28 Packages/3472PCS |



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