

150W 250W 300W
MONO SOLAR MODULE

SGS IEC61215 IEC61730
IEC17020 IEC17025 IEC17065

150W 250W 300W



-  Higher Output Power
Lower LCOE
-  Excellent Anti-PID Low LID
Performance
-  Low Degradation
First Year $\leq 2\%$ Year On Year $\leq 0.5\%$

-  100% EL Detection
Guarantee No Micro Cracks
-  Less Hot Spot Shading Effects
-  8 Years Material And Process Warranty
25 Years Linear Power Output Warranty

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ELECTRICAL CHARACTERISTICS

POWER TOLERANCE: $\pm 3\%$

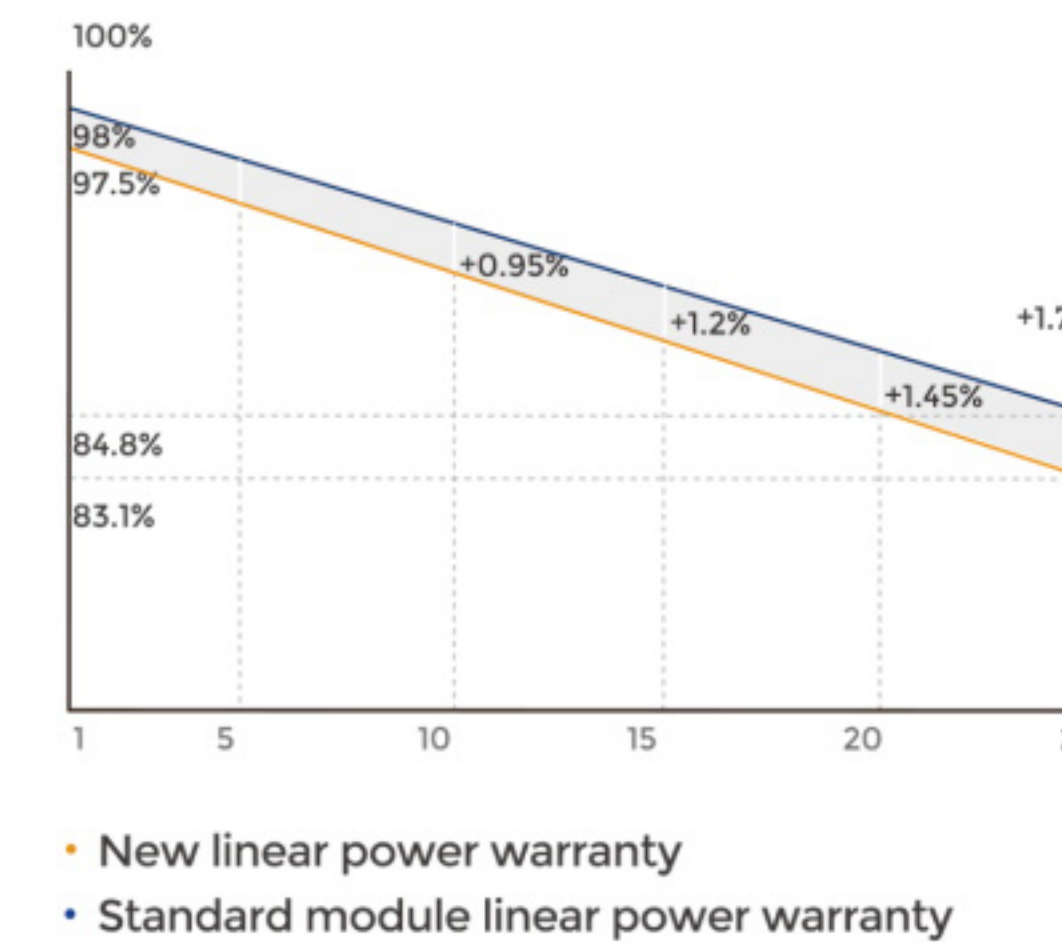
| Model | GSMB150-36 | | GSMB250-60 | | GSM300-72 | |
|-----------------|-------------------|-------|-------------------|-------|-------------------|-------|
| | STC | NOTC | STC | NOTC | STC | NOTC |
| Test Conditions | STC | NOTC | STC | NOTC | STC | NOTC |
| Pmax/W | 150 | 109 | 250 | 185 | 300 | 223 |
| Vmp/V | 18.84 | 17.39 | 29.44 | 27.18 | 36.11 | 33.34 |
| Imp/A | 7.79 | 6.24 | 8.49 | 6.80 | 8.31 | 6.66 |
| Voc/V | 22.78 | 21.41 | 35.43 | 33.30 | 43.33 | 40.73 |
| Isc/A | 8.47 | 6.79 | 8.86 | 7.11 | 9.03 | 7.24 |
| No.of Cells | 36 (4*19) | | 60 (6*10) | | 72 (6*12) | |
| Dimensions | 1480 x 680 x 35mm | | 1640 x 992 x 35mm | | 1955 x 992 x 35mm | |

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5G NOTC: Irradiance 800W/m², Cell temperature 20°C, AM1.5G, Wind speed 1m/s

MECHANICAL PARAMETERS

| | |
|----------------------|--|
| Cell Type | Mono-crystalline Silicon |
| Glass | 3.2mm coated tempered glass |
| Frame | Anodized aluminium alloy |
| Juncon Box | IP68, three diodes |
| Output Cable | 4.0mm ² Length can be customized |
| Connectors | MC4 compatible |
| PV Module Fire Class | Class C |
| Hailstone Test | 25mm Hailstone at the speed of 23m/s |

SUPERIOR WARRANTY



OPERATING CONDITIONS

| | |
|-------------------------------|--------------------------------|
| Maximum System Voltage | 1000V/1500V DC |
| Operating Temperature | -40°C~+85°C |
| Maximum Static Load,Front* | 5400Pa(112lb/ft ²) |
| Maximum Static Load,Back* | 2400Pa(50lb/ft ²) |
| Safety Class | Class II |
| Battery operating temperature | 44 \pm 2°C |