

体系及产品认证

- IEC 61215 / IEC 61730 / UL 61730
- ISO 9001: 2015
- ISO 14001: 2015
- ISO 45001: 2018



质量保证

保证功率

产品特性

电性能参数

| | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT |
|----------|--------------------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| (Pmax/W) | 490 | 376 | 495 | 378 | 500 | 381 | 505 | 385 | 510 | 387 |
| (Vmpp/V) | 32.97 | 31.01 | 33.14 | 31.17 | 33.38 | 31.34 | 33.63 | 31.58 | 33.87 | 31.75 |
| (Impp/A) | 14.86 | 12.11 | 14.94 | 12.13 | 14.98 | 12.16 | 15.02 | 12.19 | 15.06 | 12.20 |
| (Voc/V) | 39.60 | 37.64 | 39.85 | 37.80 | 40.09 | 38.05 | 40.34 | 38.29 | 40.58 | 35.54 |
| (Isc/A) | 15.80 | 12.73 | 15.83 | 12.75 | 15.86 | 12.78 | 15.89 | 12.80 | 15.91 | 12.82 |
| (%) | 21.90 | | 22.10 | | 22.30 | | 22.50 | | 22.80 | |
| STC | : 1000W/m ² , | | AM1.5, | | 25 | | 0~+5W | | ± 3% | |
| NMOT() | 800W/m ² | | AM1.5 | | 20 | | 1m/s | | | |

背面功率增益(以500W为例)

| | 5% | 10% | 15% | 20% | 25% |
|----------|-------|-------|-------|-------|-------|
| (Pmax/W) | 525 | 550 | 575 | 600 | 625 |
| (Vmpp/V) | 33.38 | 33.38 | 33.38 | 33.38 | 33.38 |
| (Impp/A) | 15.73 | 16.48 | 17.23 | 17.98 | 18.73 |
| (Voc/V) | 40.09 | 40.09 | 40.09 | 40.09 | 40.09 |
| (Isc/A) | 16.65 | 17.45 | 18.24 | 19.03 | 19.83 |

机械参数

| | | |
|--|---|------|
| | N | 16BB |
| | 108 (6*18) | |
| | 1976*1134*30mm (77.80*44.65*1.18) | |
| | 28.1kg (61.95lbs) | |
| | 2.0mm | |
| | 2.0mm | |
| | IP68, 3 | |
| | 4mm ² (IEC), 1.2AWG (UL) 350mm(+), 250mm(-) | |
| | T01/LJQ-3-CSY/MC4/MC4-EVO2 | |

应用条件

| | |
|--|---------------|
| | 1500V/DC |
| | -40°C~+85°C |
| | 35A |
| | Class |
| | 5400Pa 2400Pa |
| | 80% ± 5% |

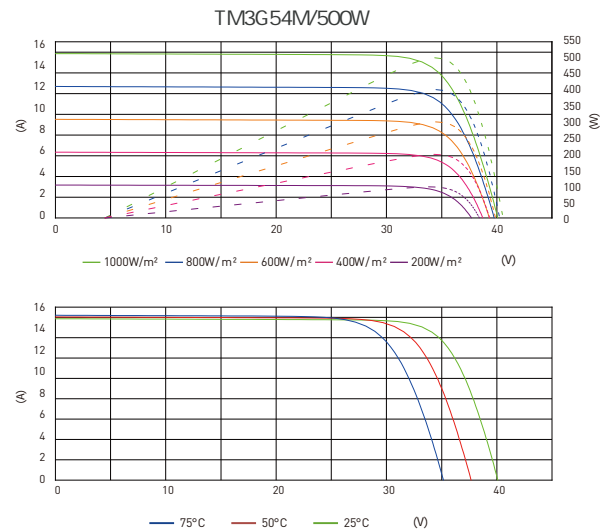
温度系数

| | |
|------|------------|
| Pmax | -0.29%/°C |
| Voc | -0.24%/°C |
| Isc | +0.043%/°C |
| NMOT | 43± 2°C |

包装

| | | |
|---------|-----|---------|
| | 36 | 36(USA) |
| (40'HC) | 864 | 648 |

I-V曲线



技术图

