

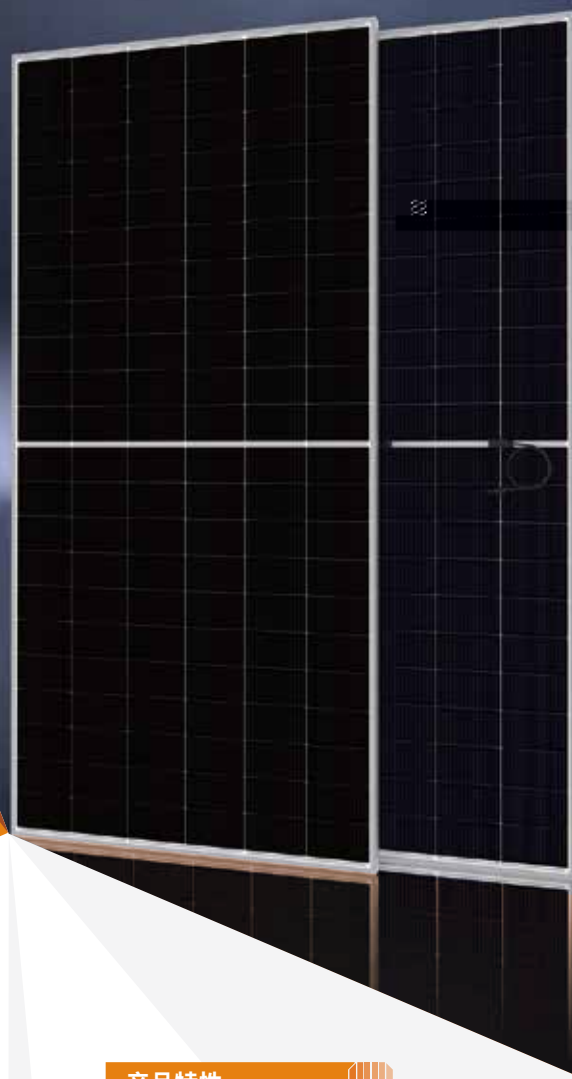


BIPRO

TM3G66M **132-cell**

600 - 620W

16BB N



体系及产品认证

- IEC 61215 / IEC 61730 / UL 61730
- ISO 9001: 2015 质量管理体系
- ISO 14001: 2015 环境管理体系
- ISO 45001: 2018 职业健康安全管理体系



产品特性



16BB半片电池技术

LID/LeTID
1% 0.4%



行业领先的发电效率增益

TOPCon LCOE



抗PID和低辐照度性能优异

192 PID



更广泛的应用性

电性能参数

| | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT |
|----------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Pmax/W) | 600 | 459 | 605 | 462 | 610 | 466 | 615 | 470 | 620 | 473 |
| (Vmpp/V) | 40.30 | 37.90 | 40.50 | 38.10 | 40.80 | 38.30 | 41.00 | 38.50 | 41.20 | 38.70 |
| (Impp/A) | 14.91 | 12.11 | 14.94 | 12.13 | 14.96 | 12.16 | 15.00 | 12.21 | 15.05 | 12.23 |
| (Voc/V) | 48.40 | 46.00 | 48.70 | 46.20 | 49.00 | 46.50 | 49.30 | 46.80 | 49.60 | 47.10 |
| (Isc/A) | 15.80 | 12.73 | 15.83 | 12.75 | 15.86 | 12.78 | 15.90 | 12.81 | 15.94 | 12.84 |
| (%) | 22.20 | | 22.40 | | 22.60 | | 22.80 | | 23.00 | |
| STC | : 1000W/m ² , AM1.5, 25 | | O~+5W | | ± 3% | | | | | |
| NMOT() | 800W/m ² , AM1.5, 20 | | 1m/s | | | | | | | |

背面功率增益(以610W为例)

| | 5% | 10% | 15% | 20% | 25% |
|----------|-------|-------|-------|-------|-------|
| (Pmax/W) | 641 | 671 | 702 | 732 | 763 |
| (Vmpp/V) | 40.80 | 40.80 | 40.80 | 40.80 | 40.80 |
| (Impp/A) | 15.71 | 16.46 | 17.20 | 17.95 | 18.70 |
| (Voc/V) | 49.00 | 49.00 | 49.00 | 49.00 | 49.00 |
| (Isc/A) | 16.65 | 17.45 | 18.24 | 19.03 | 19.83 |

机械参数

| | | |
|--|---|------|
| | N | 16BB |
| | 132 (6*22) | |
| | 2382*1134*30mm (93.78*44.65*1.18) | |
| | 33.7kg (74.29lbs.) | |
| | 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% | |

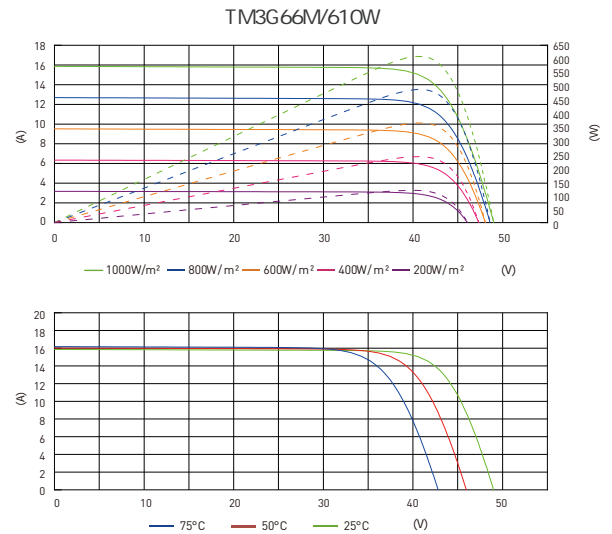
温度系数

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

包装

| | | |
|---------|-----|---------|
| | 36 | 36(USA) |
| (40'HC) | 720 | 540 |

I-V曲线



技术图

