



BIPRO

TM7G54M **108-cell**

16BB N

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



15

30



LCOE



| | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Pmax/W) | 415 | 316 | 420 | 319 | 425 | 323 | 430 | 326 | 435 | 330 |
| (Vmpp/V) | 32.29 | 30.50 | 32.42 | 30.70 | 32.55 | 30.90 | 32.68 | 31.10 | 32.81 | 31.30 |
| (Impp/A) | 12.86 | 10.34 | 12.96 | 10.39 | 13.06 | 10.44 | 13.16 | 10.49 | 13.26 | 10.54 |
| (Voc/V) | 38.55 | 36.60 | 38.70 | 36.70 | 38.85 | 36.80 | 39.00 | 37.00 | 39.15 | 37.10 |
| (Isc/A) | 13.52 | 10.91 | 13.57 | 10.95 | 13.62 | 10.98 | 13.67 | 11.02 | 13.72 | 11.06 |
| (%) | 21.30 | | 21.50 | | 21.80 | | 22.00 | | 22.30 | |

STC : 1000W/m², AM1.5, 25 0~+5W ± 3%
 NMOT() 800W/m² AM1.5 20 1m/s

(425W)

| | 5% | 10% | 15% | 20% | 25% |
|----------|-------|-------|-------|-------|-------|
| (Pmax/W) | 446 | 468 | 489 | 510 | 531 |
| (Vmpp/V) | 31.70 | 31.70 | 31.70 | 31.70 | 31.70 |
| (Impp/A) | 14.08 | 14.75 | 15.42 | 16.09 | 16.76 |
| (Voc/V) | 38.30 | 38.30 | 38.30 | 38.30 | 38.30 |
| (Isc/A) | 14.94 | 15.65 | 16.36 | 17.07 | 17.79 |

| | |
|---|---|
| N | 16BB |
| | 108 (6*18) |
| | 1722*1134*30mm (67.80*44.65*1.18) |
| | 24.5kg (54.01lbs) |
| | 2.0mm |
| | 2.0mm |
| | |
| | IP68, 3 |
| | 4mm ² (IEC), 1.2AWG (UL) 350mm(+), 250mm(-) |
| | T01/LJQ-3-CSY/MC4/MC4-EVO2 |

| | |
|--|---------------|
| | 1500V/DC |
| | -40°C~+85°C |
| | 30A |
| | Class |
| | 5400Pa 2400Pa |
| | 80% ± 5% |

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

| | | |
|---------|-----|---------|
| | 36 | 36(USA) |
| (40'HC) | 936 | 720 |

I-V

