



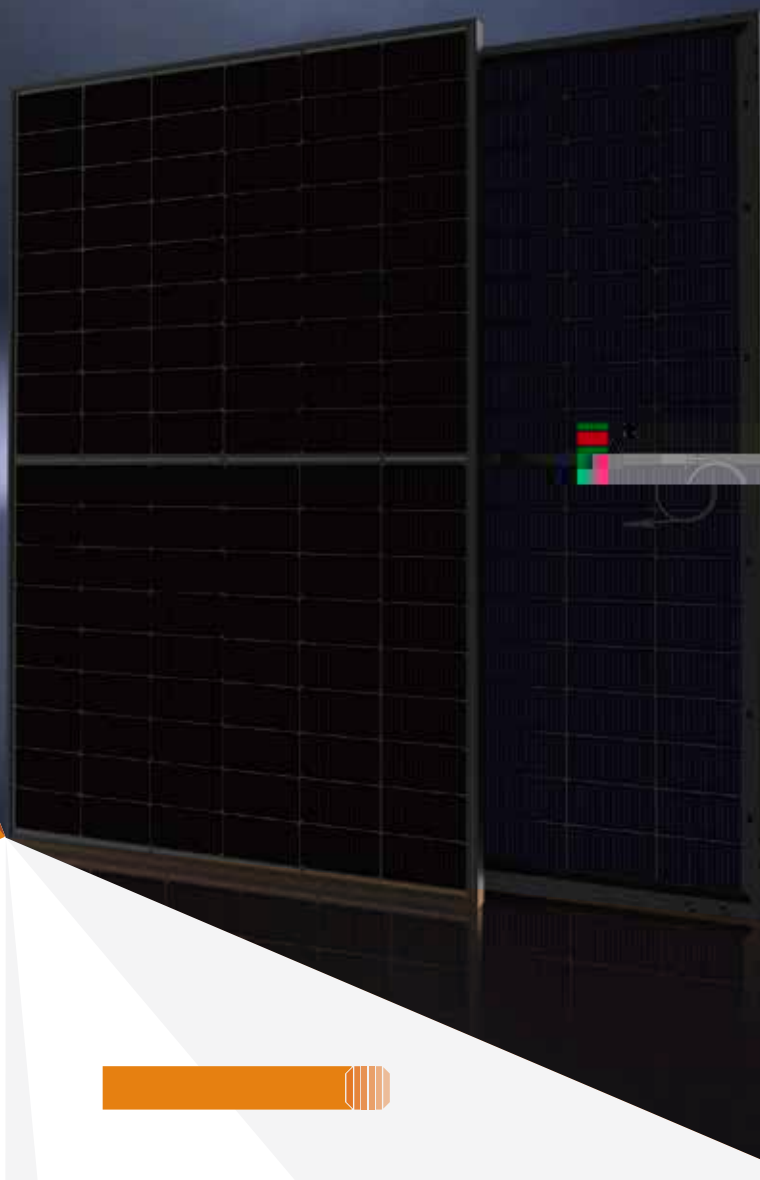
TALESUN

# BIPRO

TM7G54M **108-cell**

415- 435W

16BB N



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



|          | 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/m<sup>2</sup>, AM1.5, 25 O~+5W ± 3%  
 NMOT( ) 800W/m<sup>2</sup> 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 <sup>2</sup> (IEC), 1.2AWG (UL)<br>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

