



# BIPRO

TP7G54M  
TP7G54M(H) **108-cell**

**390 - 410W**

Bifacial Module With Transparent Backsheet  
10BB Half-cut Mono Perc



## SYSTEM & PRODUCT CERTIFICATES

- IEC 61215 / IEC 61730 / UL 61703
- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupational Health and Safety Management Systems

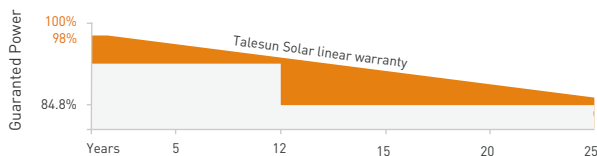


## PERFORMANCE WARRANTY

**12** Years  
Quality Assurance

**2** Years  
Power Output Guarantee

Linear Performance Warranty



**Excellent Anti-PID Performance**  
2 times of industry standard Anti-PID test



**Lower LCOE**  
2% more power generation, lower LCOE



**IP68 Junction Box**  
High waterproof level

[www.talesun.com](http://www.talesun.com)

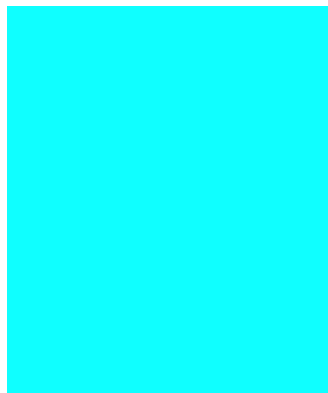
[marketing.hq@talesun.com](mailto:marketing.hq@talesun.com)

\* GL-EN-Version 2024.03.22

### REAR SIDE POWER GAIN(REFERENCE TO 410W FRONT)

Pmax gain	5%	10%	15%	20%	25%
Pmax/W	431	451	472	492	513
Vmpp/V	31.43	31.43	31.43	31.43	31.43
Impp/A	13.70	14.36	15.01	15.66	16.31
Voc/V	37.50	37.50	37.50	37.50	37.50
Isc/A	14.65	15.35	16.04	16.74	17.44

### I-V CURVE



— 1000W/m<sup>2</sup> — 800W/m<sup>2</sup> — 600W/m<sup>2</sup> — 400W/m<sup>2</sup> — 200W/m<sup>2</sup> Voltage [V]

### APPLICATION CONDITIONS

Maximun System Voltage	1000V/1500V/DC
Operating Temperature	-40°C~+85°C
Maximun Series Fuse	30A
Safety Protection Class	Class
Mechanical Load	Front side 5400Pa, Back side 2400Pa
Refer. Bifaciality Factor	70%+5%/-10%

— 75°C — 50°C — 25°C Voltage [V]

### TECHNICAL DRAWINGS

### TEMPERATURE CHARACTERISTICS

Temperature Coefficient of Pmax	
Temperature Coefficient of Voc	
Temperature Coefficient of Isc	
Nominal Module Operating Temperature(NMOT)	