



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

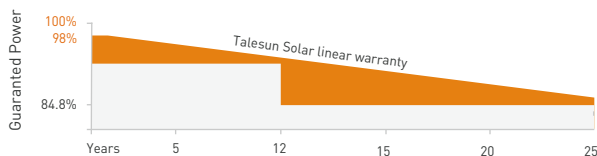


PERFORMANCE WARRANTY

12 Years
Quality Assurance

25 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

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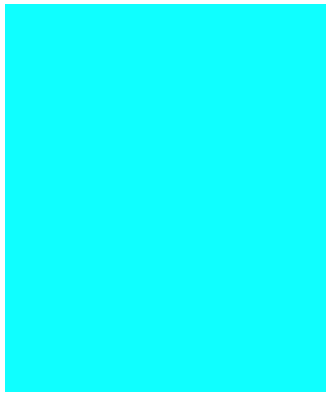
marketing.hq@talesun.com

* 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/m² — 800W/m² — 600W/m² — 400W/m² — 200W/m² 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)	