



BISTAR

TP6L60M
TP6L60M(H) **120-cell**

350 - 370W

9BB Half-cut Mono Perc
Full Black



SYSTEM & PRODUCT CERTIFICATES

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

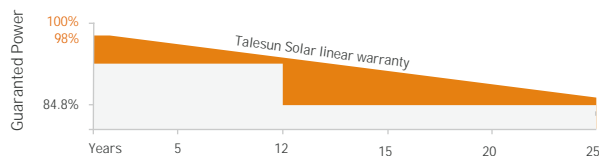


PERFORMANCE WARRANTY

12 Years
Quality Assurance

2 Years
Power Output Guarantee

Linear Performance Warranty



KEY FEATURES



9BB Half-cut Cell Technology

New circuit design, lower internal current, lower Rs loss
Ga doped wafer, attenuation <2% (1st year) / ≤0.55% (Linear)



Significantly Lower the Risk of Hot Spot

Special circuit design with much lower hot spot temperature



Excellent Anti-PID Performance

2 times of industry standard Anti-PID test



Wider Application

No water-permeability and high wear-resistance,
can be widely used in high-humid, windy and dusty area



IP68 Junction Box

High waterproof level

ELECTRICAL CHARACTERISTICS

| Testing Condition | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT |
|-------------------------------|-----|------|-----|------|-------|------|-------|------|-------|------|
| Maximum Power (Pmax/W) | | | | | | | | | | |
| Operating Voltage (Vmpp/V) | | | | | | | | | | |
| Operating Current (Impp/A) | | | | | | | | | | |
| Open-Circuit Voltage (Voc/V) | | | | | | | | | | |
| Short-Circuit Current (Isc/A) | | | | | | | | | | |
| Module Efficiency (%) | | | | | 19.70 | | 20.00 | | 20.30 | |

STC: Irradiance 1000W/m², Spectral AM1.5, Module Temperature 25°C, Power output tolerance: 0~+5W, Test uncertainty for Pmax: ±3%
 NMOT: Irradiance 800W/m², Spectral AM1.5, Ambient temperature 20°C, Wind speed 1m/s

MECHANICAL CHARACTERISTICS

| | |
|-------------------|--|
| Cell Type | Monocrystalline Silicon (9 Busbar) |
| No. of Cells | 120 cells in series (6*20) |
| Module Dimensions | 1755*1038*35mm (69.09*41.87*1.38 inches) |
| Weight | 19.5kg (42.99 lbs) |
| Front Glass | |
| Frame | Anodized Aluminium Alloy |
| Junction Box | IP68, 3 Bypass Diodes |
| Output Cable | 4mm ² (IEC), 12AWG(UL) 300mm in Length Customized length |
| Connectors | T01-LJ03-CS4/M4/MC4-EV02 |

I-V CURVE

TP6L60M/365W

Voltage (V)

APPLICATION CONDITIONS

| | |
|-------------------------|---------------|
| Maximum System Voltage | 1000V/1500VDC |
| Operating Temperature | -40°C~+85°C |
| Maximum Series Fuse | 20A |
| Safety Protection Class | Class I |

Voltage (V)

TEMPERATURE CHARACTERISTICS

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

TECHNICAL DRAWINGS

PACKING CONFIGURATION

| | |
|-----------------------------|--|
| Pieces Per Pallet | |
| Pieces Per Container(40'HQ) | |



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