



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



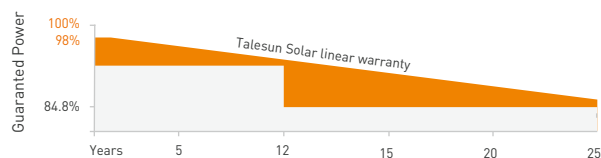
PERFORMANCE WARRANTY

12 Years
Quality Assurance

25 Years
Power Output Guarantee

Linear Performance Warranty

Standard Performance Warranty



KEY FEATURES



9BB Half-cut Cell Technology

New circuit design, lower internal current, lower R_s loss
Ga doped wafer, attenuation $< 2\%$ (1st year) / $\leq 0.55\%$ (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

www.talesun.com

marketing.hq@talesun.com

* GL-EN-Version 2022.06.30

ELECTRICAL CHARACTERISTICS

Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	350	261	355	264	360	267	365	271	370	275
Operating Voltage (Vmpp/V)	33.7	31.1	34.0	31.4	34.3	31.6	34.6	31.9	34.9	32.1
Operating Current (Impp/A)	10.40	8.37	10.45	8.43	10.50	8.46	10.56	8.50	10.61	8.55
Open-Circuit Voltage (Voc/V)	40.3	37.5	40.5	37.7	40.7	37.9	40.9	38.0	41.1	38.2
Short-Circuit Current (Isc/A)	11.04	8.91	11.10	8.96	11.15	9.00	11.20	9.04	11.26	9.09
Module Efficiency (%)	19.20		19.50		19.70		20.00		20.30	

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

MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline Silicon (9Busbar)
No. of Cells	120pcs in series (6*20)
Module Dimensions	1755*1038*30mm (69.09*40.87*1.18 inches)
Weight	19.5kg (42.99lbs)
Front Glass	3.2mm AR Coating Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Output Cables	4mm ² (IEC), 12AWG(UL) 300mm in Length or Customized Length
Connectors	T01/LJQ-3-CSY/MC4/MC4-EV02

APPLICATION CONDITIONS

Maximum System Voltage	1000V/1500V/DC
Operating Temperature	-40℃~+85℃
Maximum Series Fuse	20A
Safety Protection Class	Class II
Mechanical Load (Front side)	5400Pa
Mechanical Load (Back side)	2400Pa

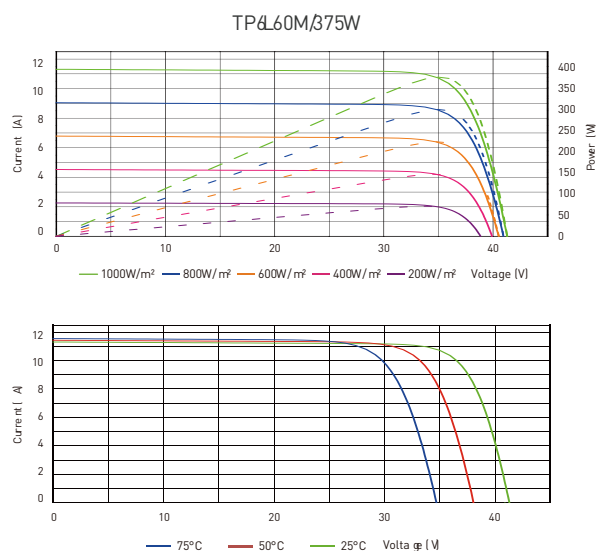
TEMPERATURE CHARACTERISTICS

Temperature Coefficient of Pmax	-0.36%/℃
Temperature Coefficient of Voc	-0.26%/℃
Temperature Coefficient of Isc	+0.043%/℃
Nominal Module Operating Temperature(NMOT)	43±2℃

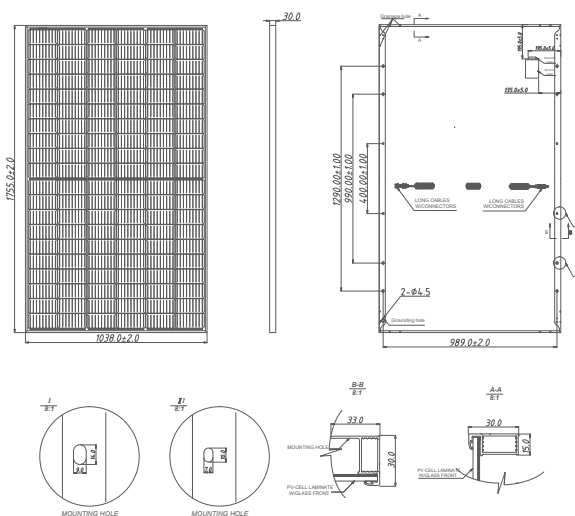
PACKING CONFIGURATION

Pieces Per Pallet	36	36(USA)
Pieces Per Container(40'HQ)	988	936

I-V CURVE



TECHNICAL DRAWINGS



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