



TP7F54M
TP7F54M(H) **108-cell**
395 - 415W
10BB Half-cut Mono Perc

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

UL



PERFORMANCE WARRANTY

12 Years
Quality
Assurance

25 Years
Power Output
Guarantee

Linear Performance Warranty

KEY FEATURES



10BB Half-cut Cell Technology

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



Low LCOE

2% more power generation, lower LCOE



Excellent Anti-PID Performance

2 times of industry standard Anti-PID test



IP68 Waterproof Level

High waterproof level

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ELECTRICAL CHARACTERISTICS

	395	294	400	298	405	302	410	306	415	310
	30.85	28.8	31.05	29.0	31.24	29.2	31.43	29.3	31.64	29.6
	12.81	10.23	12.89	10.30	12.97	10.36	13.05	10.42	13.13	10.48
	36.75	34.6	37.00	34.8	37.25	35.1	37.50	35.3	37.75	35.5
	13.69	11.04	13.78	11.11	13.86	11.17	13.94	11.24	14.02	11.30
	20.20		20.50		20.70		21.00		21.30	

MECHANICAL CHARACTERISTICS

	Monocrystalline Silicon (10Busbar)
	108pcs in series (6*18)
	1722*1134*30mm (67.80*44.65*1.18inches)
	21.5kg (47.4lbs.)
	3.2mm AR Coating Tempered Glass
	Anodized Aluminium Alloy
	IP68, 3 Bypass Diodes
	4mm² (IEC), 12AWG(UL) 350mm(+),250mm(-) or Customized Length
	T01/LJQ-3-CSY/MC4/MC4-EV02

	1000V/1500V/DC
	-40°C~+85°C
	25A
	Class

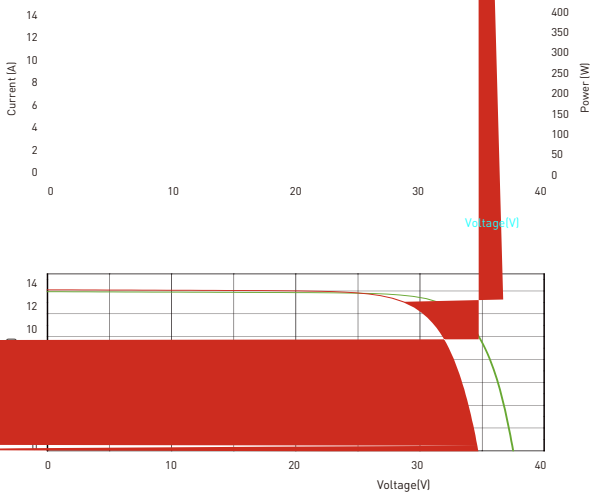
TEMPERATURE CHARACTERISTICS

	-0.35%/°C
	-0.26%/°C
	+0.048%/°C
	43±2°C

PACKING CONFIGURATION

	36	36(USA)
	936	828

I-V CURVE



TECHNICAL DRAWINGS



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