



# FEATHER

TP7F54M  
TP7F54M(H) **108-cell**

395 - 415W

10BB Half-cut Mono Perc  
Light-weight



## 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

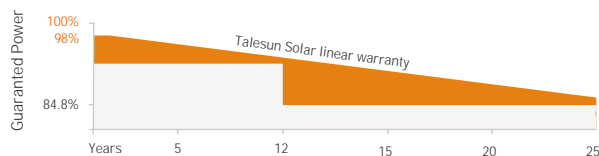


## PERFORMANCE WARRANTY

12 Years  
Quality Assurance

25 Years  
Power Output Guarantee

Linear Performance Warranty



## KEY FEATURES



### Light-Weight

Reduce roof loads, easy operation, lower installation cost



### 10BB 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



### IP68 Junction Box

High waterproof level

## 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	

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## MECHANICAL CHARACTERISTICS

	Monocrystalline Silicon (10Busbar)
	108pcs in series (6*18)
	1722*1134*30mm (67.80*44.65*1.18inches)
	16.2kg (35.72lbs.)
	2.0mm AR Coating Tempered Glass
	Anodized Aluminium Alloy
	IP68, 3 Bypass Diodes
	4mm <sup>2</sup> (IEC), 12AWG(UL) 300mm in Length or Customized Length
	T01/LJQ-3-CSY/MC4/MC4-EVO2

## APPLICATION CONDITIONS

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

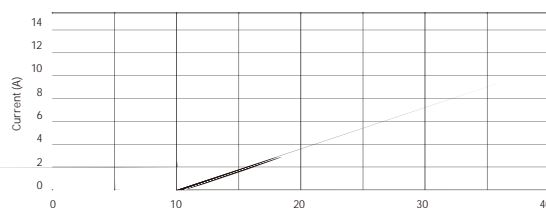
## TEMPERATURE CHARACTERISTICS

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

## PACKING CONFIGURATION

	36	36(USA)
	936	936

## I-V CURVE



## TECHNICAL DRAWINGS



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