



TALESUN

TP7F66M  
TP7F66M(H) **132-cell**

**485 - 505W**

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 US LISTED



### PERFORMANCE WARRANTY

**12** Years  
Quality Assurance

**2** Years  
Power Output Guarantee

Linear Performance Warranty



### KEY FEATURES



#### 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



#### Lower LCOE

2% more power generation, lower LCOE



#### Excellent Anti-PID Performance

2 times of industry standard Anti-PID test



#### IP68 Junction Box

High waterproof level

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\* GL-EN-Version 2023.09.25

## 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 (%)										

STC: Irradiance 1000W/m<sup>2</sup>, Spectra at AM1.5, Module Temperature 25 °C. Power output tolerance: 0~+5W, Test uncertainty for Pmax: ±3%  
 NMOT: Irradiance 800W/m<sup>2</sup>, Spectra at AM1.5, Ambient Temperature 20 °C, Wind speed 1m/s

## MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline Silicon (10Busbar)
No. of Cells	132pcs in series (6*22)
Module Dimensions	2094*1134*35mm (82.44*44.65*1.38inches)
Weight	26.6kg (58.6lbs.)
Front Glass	
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Output Cables	4mm <sup>2</sup> (IEC), 12AWG(UL) 300mm in Length or Customized Length
Connectors	T01/LJQ-3-CSY/MC4/MC4-EV02

## I-V CURVE

## TECHNICAL DRAWINGS

## TEMPERATURE CHARACTERISTICS

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

## PACKING CONFIGURATION 59 0d4 ieces Per Container(0 Td9


