



TP7F78M  
TP7F78M(H) **156-cell**  
**580 - 600W**  
10BB Half-cut Mono Perc

#### KEY FEATURES

#### 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

## ELECTRICAL CHARACTERISTICS

Testing Condition									
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	156pcs in series (6*26)
Module Dimensions	2465*1134*35mm (97.05*44.65*1.38inches)
Weight	31.5kg (69.45lbs.)
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

## APPLICATION CONDp658 0 TO p65 0 TO p6 0 TO p 0 Td


## TECHNICAL DRAWINGS

## TEMPERATURE CHARACTERISTICS

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

## PACKING CONFIGURATION

Pieces Per Pallet	
Pieces Per Container(40'HQ)	

