



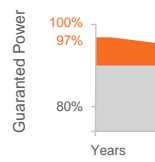
## PERFORMANCE

## WARRANTY

12  
Years  
Quality  
Assurance

Performance Warranty

Performance Warranty



## ELECTRICAL PARAMETERS

### Performance at STC (Power Tolerance 0 ~ +3%)

Maximum Power (Pmax/W)
Operating Voltage (Vmpp/V)
Operating Current (Impp/A)
Open-Circuit Voltage (Voc/V)
Short-Circuit Current (Isc/A)
Module Efficiency $\eta$ (%)

### Performance at NMOT

Maximum Power (Pmax/W)
Operating Voltage (Vmpp/V)
Operating Current (Impp/A)
Open-Circuit Voltage (Voc/V)
Short-Circuit Current (Isc/A)

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5    NMOT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

## MECHANICAL SPECIFICATION

Cell Type	Monocrystalline
Cell Dimensions	158.75*158.75mm
Cell Arrangement	144 (6*24)
Weight	22.5kg (49.06lbs)
Module Dimensions	2008*1002*35mm (79.06*39.45*1.38inches)
Cable Cross Section Size	TUV: 4mm <sup>2</sup> (0.006inches <sup>2</sup> )/UL: 12AWG
Front Glass	3.2mm (0.13inches) AR Coating Tempered Glass
No. of Bypass Diodes	3/6
Packing Configuration (1)	31pcs/carton, 682pcs/40hq
Packing Configuration (2)	31+4pcs/c arton, 726pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68

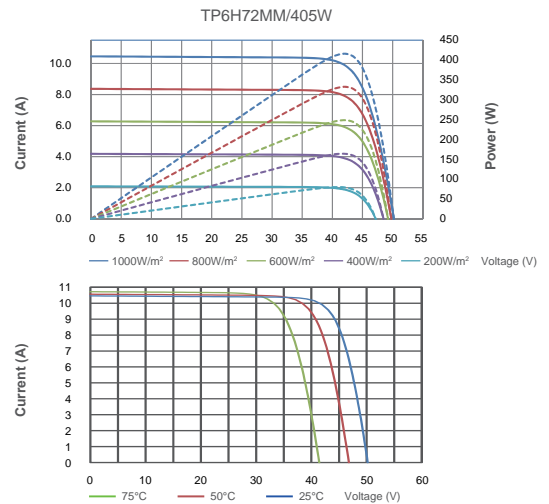
## OPERATING CONDITIONS

Maximum System Voltage	1000V/1500V/DC(IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	20A
Static Loading	Snow Loading: 5400Pa/ Wind Loading: 2400Pa
Conductivity at Ground	≤0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	T01/LJQ-3-CSY/MC4/EV02

## TEMPERATURE COEFFICIENT

Temperature Coefficient Pmax	-0.36%/°C
Temperature Coefficient Voc	-0.26%/°C
Temperature Coefficient Isc	+0.043%/°C
NMOT	43±2°C

## I-V CURVE



## TECHNICAL DRAWINGS

