



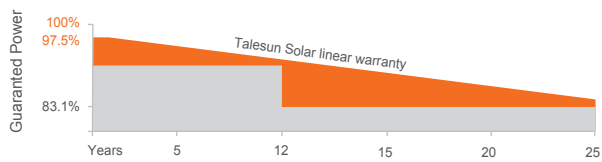
PERFORMANCE WARRANTY

12 years
Quality assurance

25 years
Power output guarantee

Linear Performance Warranty

Standard Performance Warranty



ELECTRICAL PARAMETERS

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

Maximum Power (Pmax/W)	315	320	325	330	335
Operating Voltage (Vmpp/V)	33.2	33.5	33.8	34.2	34.6
Operating Current (Impp/A)	9.49	9.56	9.62	9.66	9.69
Open-Circuit Voltage (Voc/V)	39.9	40.1	40.3	40.5	40.7
Short-Circuit Current (Isc/A)	10.09	10.16	10.22	10.26	10.29
Module Efficiency η m(%)	18.7	19.0	19.3	19.6	19.9

Performance at NMOT

Maximum Power (Pmax/W)	234	238	241	245	248
Operating Voltage (Vmpp/V)	30.6	30.9	31.2	31.5	31.8
Operating Current (Impp/A)	7.66	7.71	7.76	7.80	7.83
Open-Circuit Voltage (Voc/V)	37.2	37.3	37.5	37.7	37.8
Short-Circuit Current (Isc/A)	8.14	8.20	8.25	8.28	8.31

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5 NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

MECHANICAL SPECIFICATION

Cell Type	Cast Monocrystalline
Cell Dimensions	158.75*158.75mm
Cell Arrangement	120 (6*20)
Weight	20.7kg (45.64lbs)
Module Dimensions	1684*1002*35mm (66.30*39.45*1.38inches)
Cable Length	Portrait 300mm/Landscape 1200mm/Customized
Cable Cross Section Size	TUV: 4mm ² (0.006inches ²)/UL: 12AWG
Front Glass	3.2mm (0.13inches) AR Coating Tempered Glass
No. of Bypass Diodes	3/6
Packing Configuration (1)	31pcs/carton, 806pcs/40hq
Packing Configuration (2)	31+4pcs/carton, 858pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68

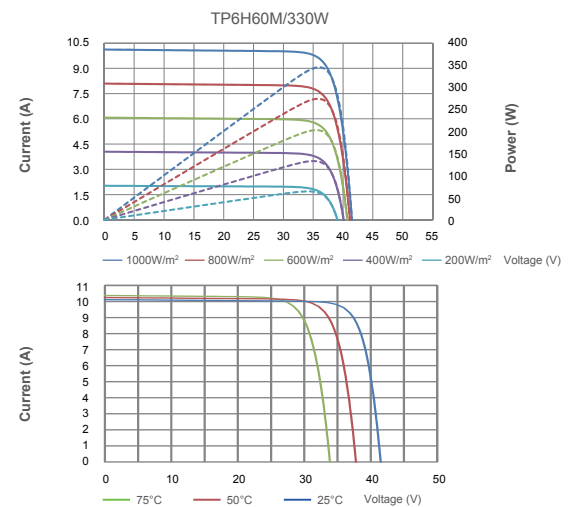
OPERATING CONDITIONS

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

