

FEATHER

требом 60-се!

315 - 330W light-weight mono perc

KEY FEATURES



26% Lighter Reduce roof loads, easy operation, lower installation cost



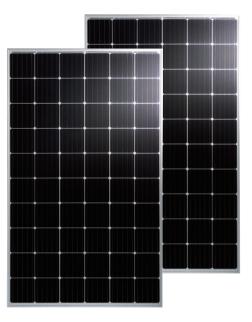
Excellent Anti-PID performance 2 times of industry standard Anti-PID test by TUV SUD



IP68	junction	box	
High waterproof level			



Lower temperature coefficients Enhance power generation



SYSTEM & PRODUCT CERTIFICATES

- IEC 61215 / IEC 61730 / UL 1703
- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupational Health and Safety Management Systems



PERFORMANCE WARRANTY



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Talesun Solar is one of the world's largest integrated clean energy providers, who develops, manufactures and delivers highly reliable and cost-effective solar modules and integrated PV energy solutions for every application and market, for homes, businesses and utility power plants. It was ranked as one of the top 10 module suppliers in 2018, and was also listed as global TIER1 module supplier by BNEF since 2015.

ELECTRICAL PARAMETERS				
Performance at STC (Power Tolerance 0 ~	+3%)			
Maximum Power (Pmax/W)	315	320	325	330
Operating Voltage (Vmpp/W)	33.2	33.5	33.8	34.2
Operating Current (Impp/A)	9.49	9.56	9.62	9.66
Open-Circuit Voltage (Voc/V)	39.9	40.1	40.3	40.5
Short-Circuit Current (Isc/A)	10.09	10.16	10.22	10.26
Module Efficiency ηm(%)	19.2	19.5	19.8	20.1
Performance at NMOT				
Maximum Power (Pmax/W)	234.7	238.3	241.8	245.6
Operating Voltage (Vmpp/W)	30.6	30.9	31.2	31.5
Operating Current (Impp/A)	7.66	7.71	7.76	7.80
Open-Circuit Voltage (Voc/V)	37.2	37.3	37.5	37.7
Short-Circuit Current (Isc/A)	8.14	8.20	8.25	8.28
			5 M/C 10 14 /	

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

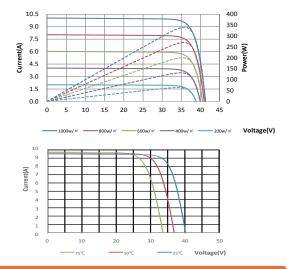
MECHANICAL SPECIFICATION

I-V CURVE

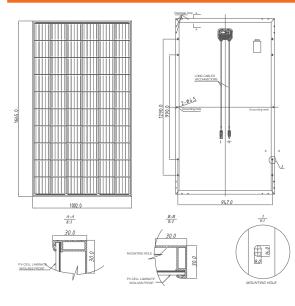
Cell Type	Mono-Crystalline Silion (5Busbar)
Cell Dimensions	158.75*158.75mm (6inches)
Cell Arrangement	60 (6*10)
Weight	14.5kg (32.0lbs)
Module Dimensions	1665*1002*35mm (65.55*39.45*1.38inches)
Cable Length	900mm (35.43inches)
Cable Cross Section Size	4mm ² (0.006inches ²)
Front Glass	2.0mm High Transmission, Tempered Glass
No. of Bypass Diodes	3/6
Packing Configuration	35pcs/carton, 980pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68

OPERATING CONDITIONS	
Maximun System Voltage	1000V/DC
Operating Temperature	-40°C ~ +85°C
Maximun Series Fuse	20A
Static Loading	5400pa
Conductivity at Ground	≤0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	MC4 Compatible

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



TECHNICAL DRAWINGS





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