

60+ SERIES MONOCRYSTALLINE PHOTOVOLTAIC MODULES

PEAK POWER: 305-320 Wp

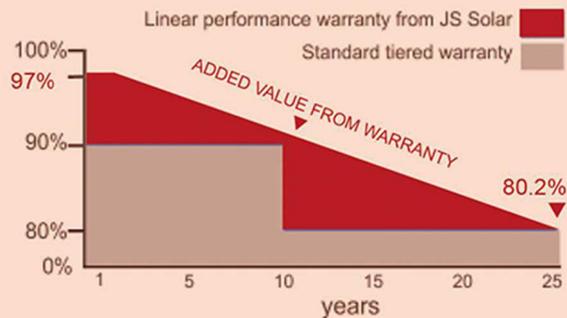
FEATURES INCLUDE:

- Excellent module efficiency up to 19.67%
- Positive power tolerance of 0~3% improve system performance
- High-tech aluminum alloy frame, certified for high snow(5400Pa) and wind loads(4000Pa)
- IP68 Junction box for long-term weather endurance
- Salt mist and Ammonia resistance, for seaside and farm environments
- Test in accordance to the standard IEC 61215,our PV modules have demonstrated resistance against PID(Potential Induced Degradation),which translates to security for your investment.



25-YEAR PROGRESSIVE WARRANTY*

- 25-year progressive power warranty
- 10-year warranty on materials and workmanship

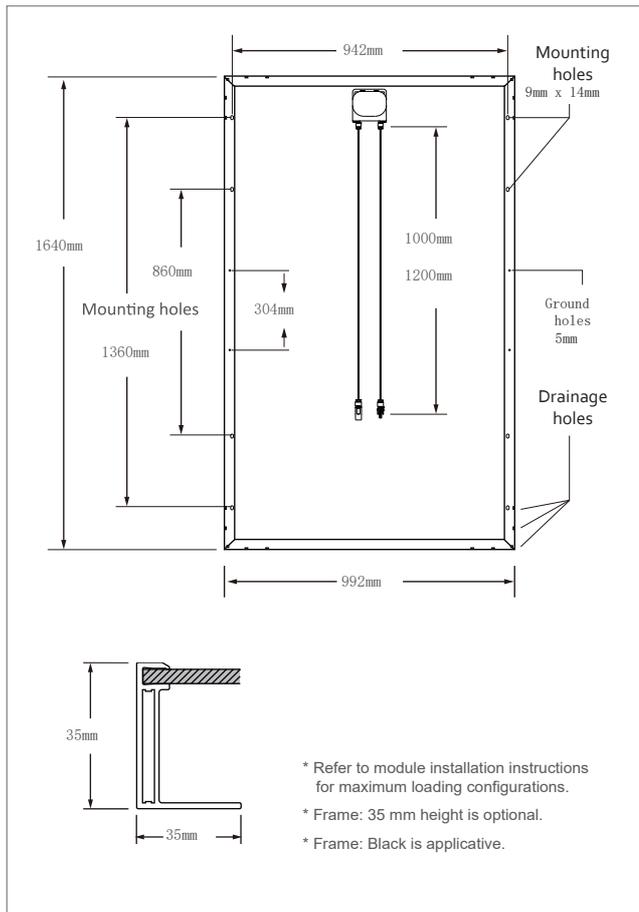


CERTIFICATIONS & STANDARDS*



Application Class A
Safety Class II

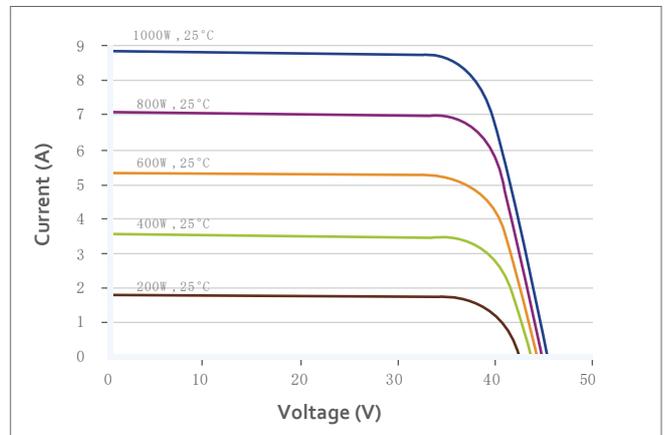
PHYSICAL CHARACTERISTICS



PHYSICAL DESIGN PROPERTIES

Dimension	1640×992×35 mm
Weight	18.0 kg±5%
Glass	3.2mm low iron tempered glass with anti-reflective coating
Junction Box	IP68 with 3 bypass diodes
Output Cables	Φ4.0mm ² , 1000mm
Connectors	MC4 Compatible
Packing	30 pcs/ pallet, 910 pcs/ container (HQ)

IV CURVE



ELECTRICAL PERFORMANCE

Electrical Performance @ STC	JS305M	JS310M	JS315M	JS320M
Maximum Power Pmax[Wp]	305	310	315	320
Max. Power Voltage Vmpp(V)	32.97	33.26	33.55	33.85
Max. Power Current Imp(A)	9.25	9.32	9.39	9.46
Open Circuit Voltage Voc(V)	39.05	39.19	39.33	39.47
Short Circuit Current Isc(A)	9.50	9.53	9.56	9.59
Module Efficiency (%)	18.75%	19.05%	19.36%	19.67%

ELECTRICAL PERFORMANCE PARAMETERS

Isc Temperature Coefficient	α (%/°C)	+0.06	Max. Series Fuse	15A
Voc Temperature Coefficient	β (%/°C)	-0.32	Max. System Voltage	IEC 1000V
Pmax Temperature Coefficient	γ (%/°C)	-0.42	Nominal Operating Cell Temp. (NOCT)	45° C ± 2° C
Efficiency Reduction at 200W/m ² , 25°C		<5%		

IV parameters are rated at Standard Test Conditions (Irradiance of 1000 W/m², AM 1.5, cell temperature 25°C). All measurements are guaranteed at the laminate leads. NOCT is measured at 800 W/m², 20°C ambient, and 1 m/s windspeed. Specifications are subject to change without notice. JS SOLAR reserves the rights of final interpretation and revision on this datasheet.

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