

Walk with Us to a Brighter Tomorrow

Mono PV Module
JPS-300/305M-60

* Available with black frame or silver frame

Maximum Power

305 W

Module Efficiency

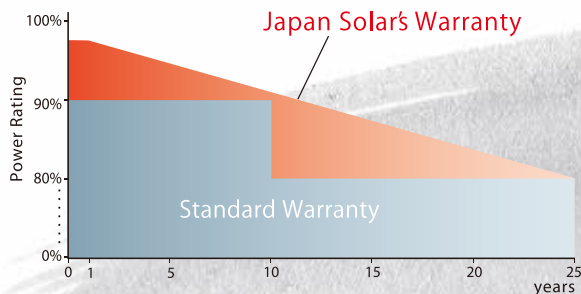
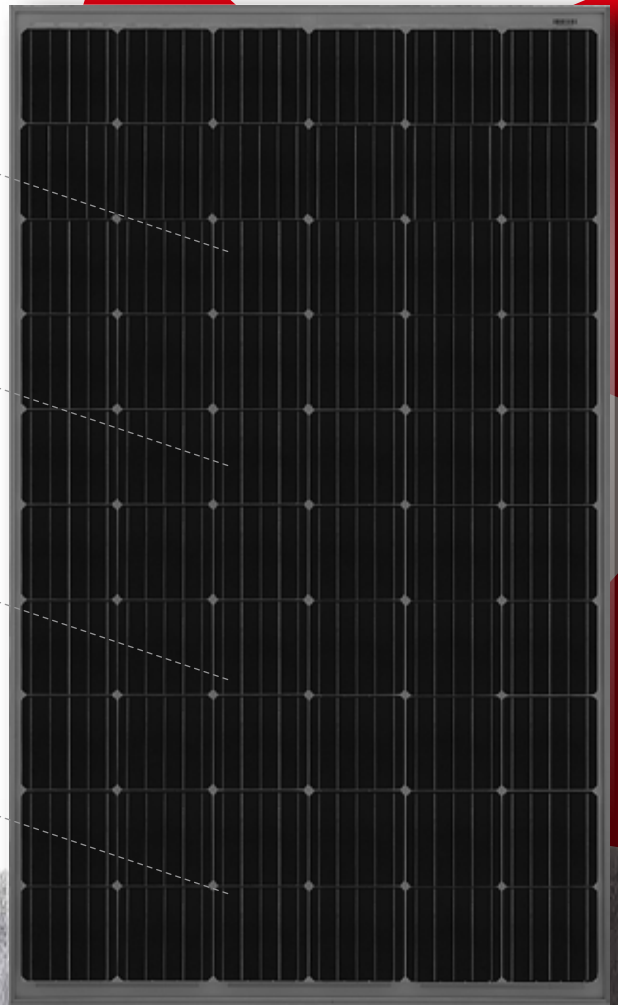
18.65 %

Product Warranty

10 years

Linear Performance Warranty

25 years



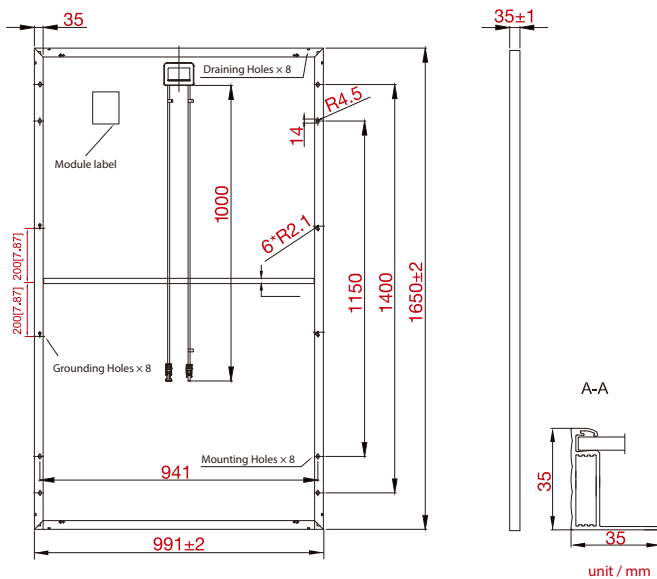
Product Specification

Module Type	JPS-300M-60 / JPS-305M-60
Maximum System Voltage	1000V / DC
Weight	18.2kg (40.1lbs)
Cell Type	Mono Crystalline
Cell Dimensions	156.75 × 156.75mm (6inch)
Cells per Module	60 (6 × 10)
Maximum Series Fuse	20A
Connector Type	MC4 Compatible
Cable Length	1000mm
Dimensions	1650 × 991 × 35mm (64.96 × 39.0 × 1.38inch)
Fire Performance	Type 1
Application Class	A
Nominal Operating Cell Temperature (NOCT)	45 ± 2°C

Operating Conditions

Temperature Range -40 ~ +85°C
 Max. Load Capacity Snow 5400Pa, Wind 2400Pa

Dimensions



Output Characteristics

Performance at STC (Positive Power Tolerance -0~+5W)		
Module Type	JPS-300M-60	JPS-305M-60
Maximum Power (Pmax)	300W	305W
Open Circuit Voltage (Voc)	39.85V	40.05V
Maximum Power Voltage (Vmpp)	32.26V	32.57V
Short Circuit Current (Isc)	9.75A	9.85A
Maximum Power Current (Impp)	9.30A	9.37A
Module Efficiency	18.35%	18.65%
Current Temperature Coefficient	+0.060%/°C	
Voltage Temperature Coefficient	-0.300%/°C	
Power Temperature Coefficient	-0.390%/°C	

*STC: 1000W/m², 25°C, AM1.5

Performance at NOCT		
Module Type	JPS-300M-60	JPS-305M-60
Maximum Power (Pmax)	221W	224W
Open Circuit Voltage (Voc)	36.75V	36.95V
Maximum Power Voltage (Vmpp)	29.69V	29.90V
Short Circuit Current (Isc)	7.78A	7.86A
Maximum Power Current (Impp)	7.43A	7.50A

*NOCT: 800W/m², 20°C, AM1.5, Wind Speed: 1m/s

Certification



Packaging Information

Number of Modules per Pallet 30
 Number of Pallets / Modules per 40' Container 28 / 840

IV-Curves

