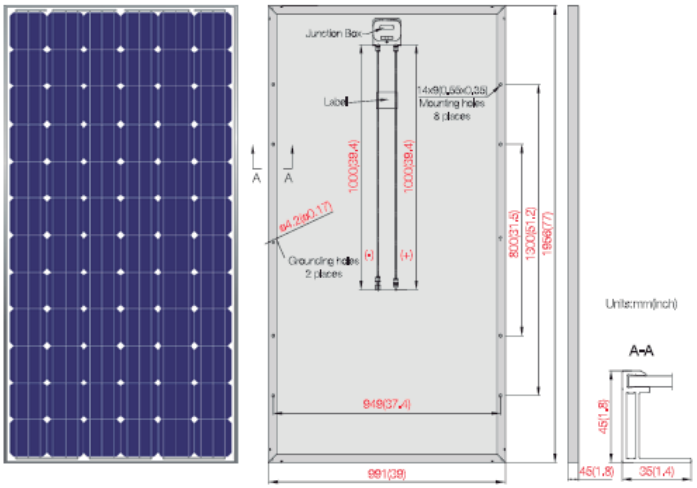
JA SOLAR

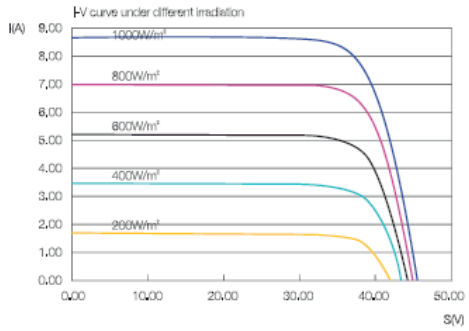
JAM6 72/285-325

SOLAR PHOTOVOLTAIC MODULE

SECIUM



I-V CURVE



MECHANICAL PARAMETERS

Cell (mm)	Mono 156×156
Weight (kg)	22.5
Dimensions (L×W×H) (mm)	1956×991×45
Cable cross section size (mm^2)	4
No. of cells and connections	72 (6×12)
No. of diodes	3 / 6
Junction Box Connector	MC4 Compatible
Packing configuration	22Pcs. / Carton 22Pallets/40' Container

WORKING CONDITIONS

Maximum System Voltage	DC 1000V (IEC/UL)
Operating Temp.	-40°C~+85°C
Maximum Series Fuse	15 A
Max. static load, front (e.g., snow and wind) Max. static load, back (e.g., wind)	5400Pa (112 lb/ft²) 2400Pa (50 lb/ft²)
NOCT	45±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	JAM6-72-285/SI	JAM6-72-290/SI	JAM6-72-295/SI	JAM6-72-300/SI	JAM6-72-305/SI	JAM6-72-310/SI	JAM6-72-315/SI	JAM6-72-320/SI	JAM6-72-325/SI
Rated Maximum Power at STC (W)	285	290	295	300	305	310	315	320	325
Open Circuit Voltage (Voc/V)	45.42	45.72	45.92	46.10	46.28	46.46	46.61	46.76	46.91
Maximum Power Voltage (Vmp/V)	36.63	36.76	36.92	37.13	37.52	37.90	38.27	38.65	39.02
Short Circuit Current (Isc/A)	8.56	8.60	8.64	8.68	8.73	8.78	8.83	8.88	8.93
Maximum Power Current (Imp/A)	7.78	7.89	7.99	8.08	8.13	8.18	8.23	8.28	8.33
Module Efficiency [%]	14.60	14.85	15.11	15.37	15.62	15.88	16.14	16.39	16.64
Power Selection (W)	-0~+5 W								
Temperature Coefficient of Isc (αIsc)	+0.049%/°C								
Temperature Coefficient of Voc (βVoc)	-0.340%/°C								
Temperature Coefficient of Pmax (γPmp)	-0.430%/°C								
STC	Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5								

GUARANTEE

10-year limited product warranty

Limited performance warranty: 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output

Intertek

LISTED

Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.