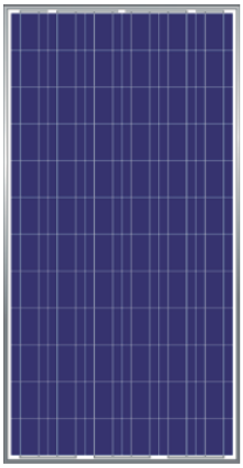
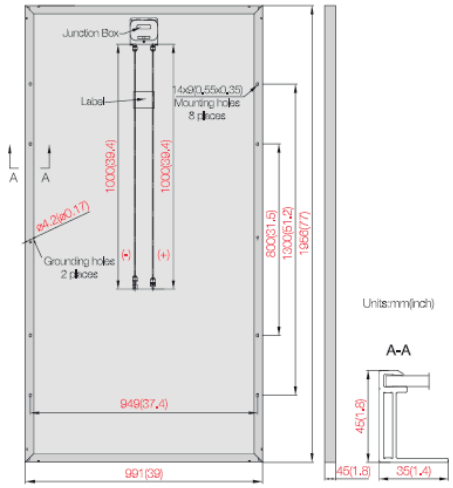
JA SOLAR

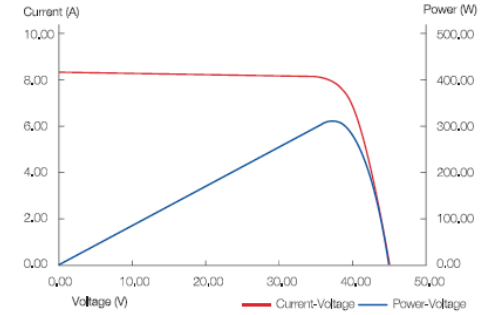
JAP6 72/270-295

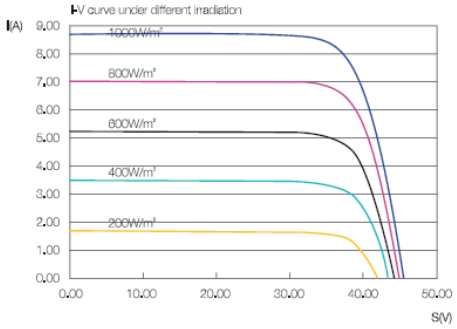
SOLAR PHOTOVOLTAIC MODULE





I-V CURVE





MECHANICAL PARAMETERS

Cell (mm)	Poly 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	47±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	JAP6-72-270	JAP6-72-275	JAP6-72-280	JAP6-72-285	JAP6-72-290	JAP6-72-295
Rated Maximum Power at STC (W)	270	275	280	285	290	295
Open Circuit Voltage (Voc/V)	44.00	44.20	44.20	44.40	44.40	44.60
Maximum Power Voltage (Vmp/V)	36.00	36.52	36.75	37.01	37.47	37.82
Short Circuit Current (Isc/A)	8.20	8.25	8.32	8.38	8.42	8.48
Maximum Power Current (Imp/A)	7.50	7.53	7.62	7.70	7.74	7.80
Module Efficiency [%]	13.87	14.12	14.38	14.64	14.89	15.15
Power Selection (W)	-0~+5 W					
Temperature Coefficient of Isc (αIsc)	+0.062%/°C					
Temperature Coefficient of Voc (βVoc)	-0.330%/°C					
Temperature Coefficient of Pmax (γPmp)	-0.450%/°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