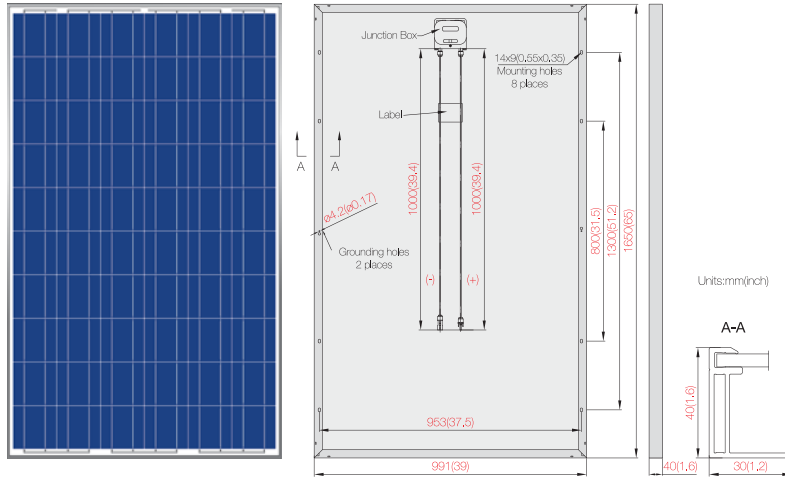


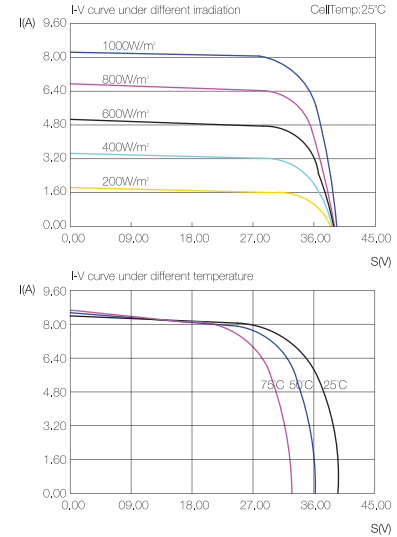
JAP6 60/225-250

SOLAR PHOTOVOLTAIC MODULE



I-V CURVE

Output under different irradiation and the correlation between $I_{sc}/V_{oc}/P_{max}$ and Temperature map



MECHANICAL PARAMETERS

Cell (mm)	Poly 156×156
Weight (kg)	19.5
Dimensions (L×W×H) (mm)	1650×991×40
Cable cross section size (mm²)	4
No. of cells and connections	60 (6×10)
No. of diodes	3 / 6
Junction Box Connector	MC4 Compatible
Packing configuration	25Pcs. / Carton 28Pallets/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)	5400Pa (112 lb/ft²)
Max. static load, back (e.g., wind)	2400Pa (50 lb/ft²)
NOCT	47±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	JAP6-60-225	JAP6-60-230	JAP6-60-235	JAP6-60-240	JAP6-60-245	JAP6-60-250
Rated Maximum Power at STC (W)	225	230	235	240	245	250
Open Circuit Voltage (V _{oc} /V)	37.00	37.17	37.34	37.51	37.68	37.85
Maximum Power Voltage (V _{mp} /V)	29.12	29.32	29.52	29.72	29.92	30.12
Short Circuit Current (I _{sc} /A)	8.23	8.31	8.40	8.48	8.57	8.65
Maximum Power Current (I _{mp} /A)	7.73	7.84	7.96	8.08	8.19	8.30
Module Efficiency [%]	13.76	14.07	14.37	14.68	14.98	15.29
Power Selection (W)	-0~+5 W					
Temperature Coefficient of I _{sc} (α _{Isc})	+0.062%/°C					
Temperature Coefficient of V _{oc} (β _{Voc})	-0.330%/°C					
Temperature Coefficient of P _{max} (γ _{Pmp})	-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



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.