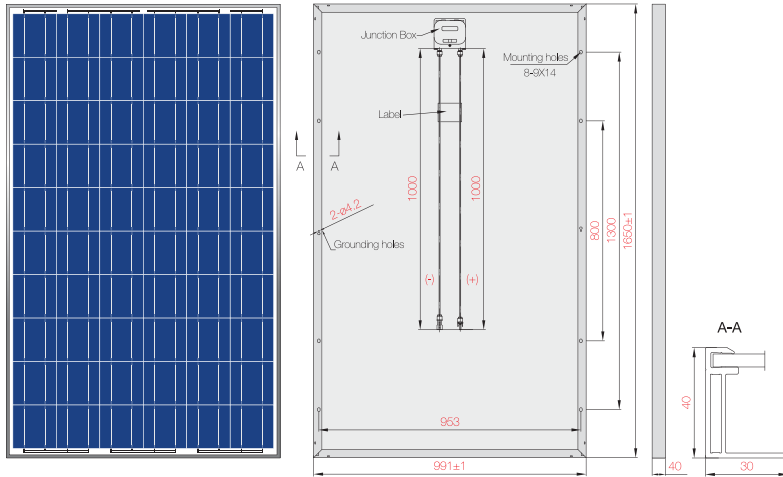
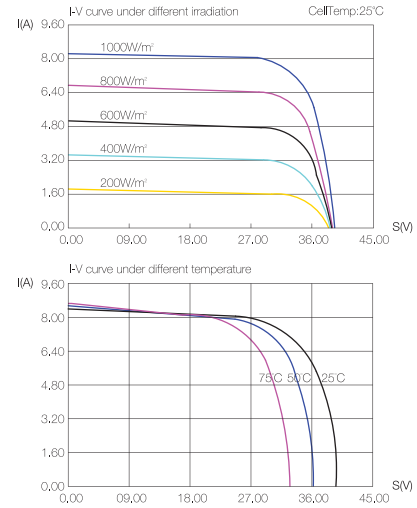


## JAP6 60/225-250 SOLAR PHOTOVOLTAIC MODULE



### 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 (mm <sup>2</sup> )	4
No. of cells and connections	60 (6×10)
No. of diodes	3 / 6
Packing configuration	25Pcs. / Carton

### WORKING CONDITIONS

Maximum System Voltage	DC 1000V (IEC) / 600V (UL)
Operating Temp.	-40°C~+85°C
Maximum Series Fuse	15 A
Max. Wind Load / Max. Snow Load	2400Pa 50 lb/ft <sup>2</sup> ; 5400Pa 112 lb/ft <sup>2</sup>
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 (Voc/V)	37.00	37.17	37.34	37.51	37.68	37.85
Maximum Power Voltage (Vmp/V)	29.12	29.32	29.52	29.72	29.92	30.12
Short Circuit Current (Isc/A)	8.23	8.31	8.40	8.48	8.57	8.65
Maximum Power Current (Imp/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 Isc ( $\alpha_{Isc}$ )	+0.062%/°C					
Temperature Coefficient of Voc ( $\beta_{Voc}$ )	-0.330%/°C					
Temperature Coefficient of Pmax ( $\gamma_{Pmp}$ )	-0.450%/°C					
STC	Irradiance 1000W/m <sup>2</sup> , Module Temperature 25°C, Air Mass 1.5					
Power Production Tolerance	± 3%					

### 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

