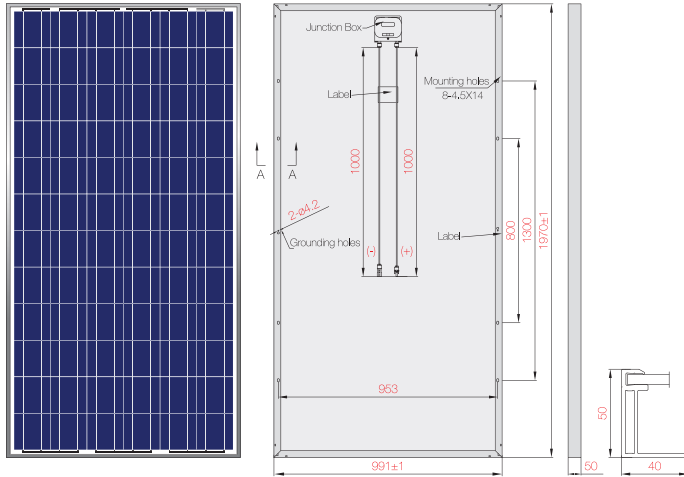
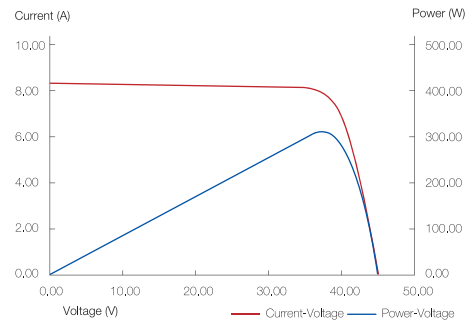


## JAP6 72/250-295 SOLAR PHOTOVOLTAIC MODULE



### I-V CURVE



### MECHANICAL PARAMETERS

Cell (mm)	Poly 156x156
Weight (kg)	27.5
Dimensions (LxWxH) (mm)	1970x991x50
Cable Length (mm)	≥ 1000
Cable cross section size (mm <sup>2</sup> )	4
No. of cells and connections	72 (12x6)
No. of diodes	6
Packing configuration	20 Pcs. / Pallet

### WORKING CONDITIONS

Maximum System Voltage	DC 1000V (TUV)
Operating Temp.	-40°C~+85°C
Maximum Series Fuse	15 A
Max. Wind Load / Max. Snow Load	2400Pa / 5400Pa
Grounding conductivity	< 0.1Ω
NOCT	47±2°C
Application Class	Class A
Insulation Resistance	≥ 100MΩ

### ELECTRICAL PARAMETERS

TYPE	JAP6-72-250	JAP6-72-260	JAP6-72-270	JAP6-72-275	JAP6-72-280	JAP6-72-285	JAP6-72-290	JAP6-72-295
Rated Maximum Power at STC (W)	250	260	270	275	280	285	290	295
Open Circuit Voltage (Voc/V)	43.60	43.80	44.00	44.20	44.40	44.60	44.80	45.00
Maximum Power Voltage (Vmp/V)	35.26	35.76	36.00	36.52	36.75	37.01	37.47	37.82
Short Circuit Current (Isc/A)	7.80	8.00	8.20	8.25	8.32	8.38	8.42	8.48
Maximum Power Current (Imp/A)	7.09	7.27	7.50	7.53	7.62	7.70	7.74	7.80
Module Efficiency [%]	12.81	13.32	13.83	14.09	14.34	14.60	14.85	15.11
Power Tolerance (W)	0~+5							
Temperature Coefficient of Isc (αIsc)	+0.040%/°C							
Temperature Coefficient of Voc (βVoc)	-0.304%/°C							
Temperature Coefficient of Pmax (γPmp)	-0.420%/°C							

### 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

