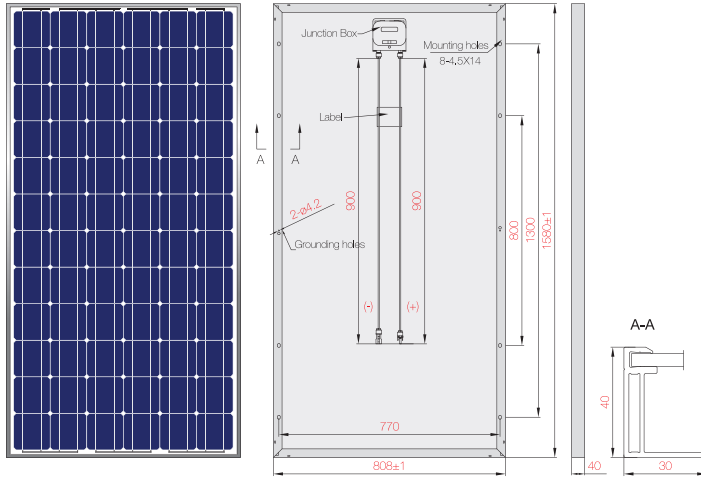
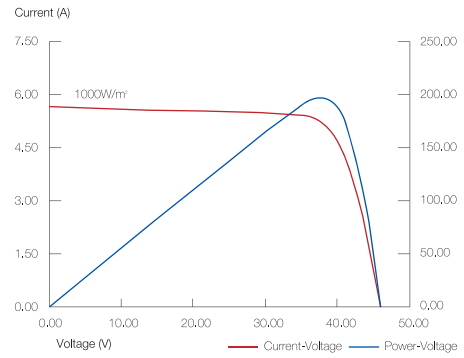


## JAM5(L) 72/180-215 SOLAR PHOTOVOLTAIC MODULE



### I-V CURVE



### MECHANICAL PARAMETERS

Cell (mm)	Mono 125×125 (L)
Weight (kg)	15.5
Dimensions (L×W×H) (mm)	1580×808×40
Cable Length (mm)	≥ 900
Cable cross section size (mm <sup>2</sup> )	4
No. of cells and connections	72 (12×6)
No. of diodes	3
Packing configuration	25 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	45±2°C
Application Class	Class A
Insulation Resistance	≥ 100MΩ

### ELECTRICAL PARAMETERS

TYPE	JAM5(L)-72-180/SI	JAM5(L)-72-185/SI	JAM5(L)-72-190/SI	JAM5(L)-72-195/SI	JAM5(L)-72-200/SI	JAM5(L)-72-205/SI	JAM5(L)-72-210/SI	JAM5(L)-72-215/SI
Rated Maximum Power at STC (W)	180	185	190	195	200	205	210	215
Open Circuit Voltage (Voc/V)	44.88	45.18	45.38	45.50	45.62	45.74	45.90	46.10
Maximum Power Voltage (Vmp/V)	36.42	36.54	36.66	36.96	37.26	37.56	37.86	38.16
Short Circuit Current (Isc/A)	5.44	5.52	5.58	5.63	5.66	5.69	5.73	5.79
Maximum Power Current (Imp/A)	4.94	5.06	5.18	5.28	5.37	5.46	5.55	5.63
Module Efficiency [%]	14.10	14.49	14.88	15.27	15.67	16.06	16.45	16.84
Power Tolerance (W)	0~+5							
Temperature Coefficient of Isc (αIsc)	+0.040%/°C							
Temperature Coefficient of Voc (βVoc)	-0.300%/°C							
Temperature Coefficient of Pmax (γPmp)	-0.440%/°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



Specifications subjects to technical changes and tests. JA Solar reserves the right of final interpretation. 10/2011 JA Solar Recycle