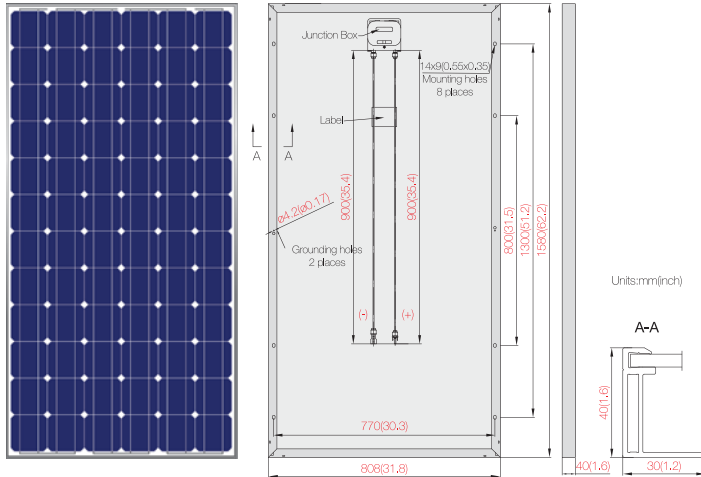
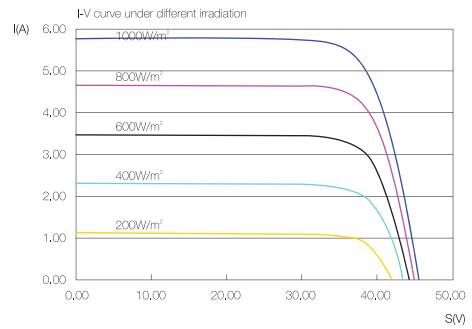


JAM5(L) 72/190-215 SOLAR PHOTOVOLTAIC MODULE



I-V CURVE



MECHANICAL PARAMETERS

Cell (mm)	Mono 125x125 (L)
Weight (kg)	15.5
Dimensions (LxWxH) (mm)	1580x808x40
Cable cross section size (mm ²)	4
No. of cells and connections	72 (6x12)
No. of diodes	3
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	10 A
Max. static load, front (e.g., snow and wind)	5400Pa (112 lb/ft ²)
Max. static load, back (e.g., wind)	2400Pa (50 lb/ft ²)
NOCT	45±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	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)	190	195	200	205	210	215
Open Circuit Voltage (Voc/V)	45.38	45.50	45.62	45.74	45.90	46.10
Maximum Power Voltage (Vmp/V)	36.66	36.96	37.26	37.56	37.86	38.16
Short Circuit Current (Isc/A)	5.58	5.63	5.66	5.69	5.73	5.79
Maximum Power Current (Imp/A)	5.18	5.28	5.37	5.46	5.55	5.63
Module Efficiency [%]	14.88	15.27	15.67	16.06	16.45	16.84
Power Selection (W)	-0~+5 W					
Temperature Coefficient of Isc (αIsc)	+0.049%/°C					
Temperature Coefficient of Voc (βVoc)	-0.340%/°C					
Temperature Coefficient of Pmax (γPmp)	-0.430%/°C					
STC	Irradiance 1000W/m ² , 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.

Specifications subjects to technical changes and tests. JA Solar reserves the right of final interpretation. 04/2012 JA Solar

