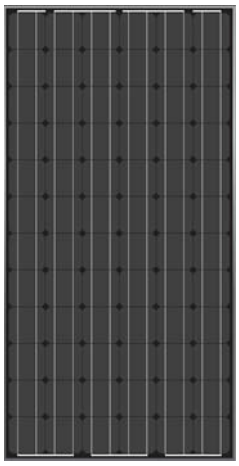
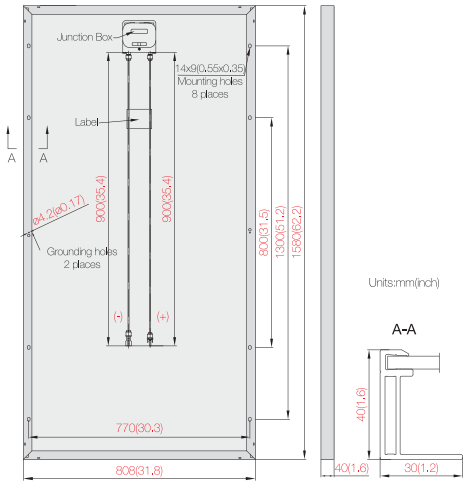
JA SOLAR

JAM5(L) 72/185-210(BK)

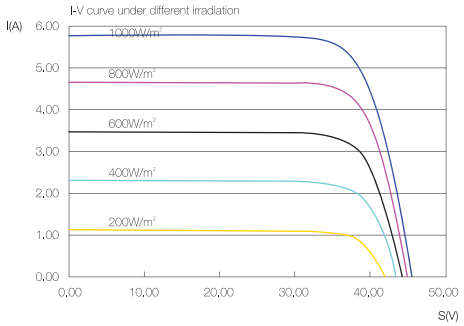
SOLAR PHOTOVOLTAIC MODULE

SECIUM





I-V CURVE



MECHANICAL PARAMETERS

Cell (mm)	Mono 125×125 (L)
Weight (kg)	15.5
Dimensions (L×W×H) (mm)	1580×808×40
Cable cross section size (mm²)	4
No. of cells and connections	72 (6×12)
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) Max. static load, back (e.g., wind)	5400Pa (112 lb/ft²) 2400Pa (50 lb/ft²)
NOCT	45±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	JAM5(L) (BK)-72-185/SI	JAM5(L) (BK)-72-190/SI	JAM5(L) (BK)-72-195/SI	JAM5(L) (BK)-72-200/SI	JAM5(L) (BK)-72-205/SI	JAM5(L) (BK)-72-210/SI
Rated Maximum Power at STC (W)	185	190	195	200	205	210
Open Circuit Voltage (Voc/V)	45.18	45.38	45.50	45.62	45.74	45.90
Maximum Power Voltage (Vmp/V)	36.54	36.66	36.96	37.26	37.56	37.86
Short Circuit Current (Isc/A)	5.52	5.58	5.63	5.66	5.69	5.73
Maximum Power Current (Imp/A)	5.06	5.18	5.28	5.37	5.46	5.55
Module Efficiency [%]	14.49	14.88	15.27	15.67	16.06	16.45
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/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

Intertek LISTED

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 Recycle

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