



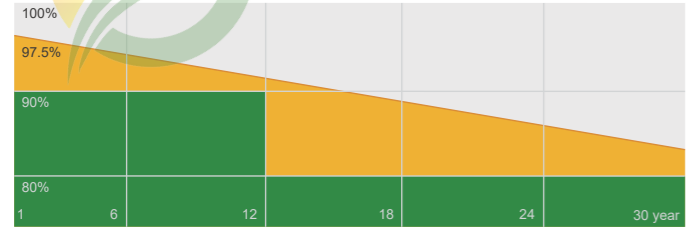
Mono 430W 22.0% 182mm
 MAXIMUM POWER OUTPUT MAXIMUM EFFICIENCY SOLAR CELL
 10/11BB JAM108S 405-430 Series

Introduction

Assembled with high-efficiency Multi-busbar PERC cells, the half-cell configuration of the modules offers the advantages of higher power output, better temperature-dependent performance, reduced shading effect on the energy generation, lower risk of hot spot, as well as enhanced tolerance for mechanical loading.

Superior Warranty

- 15-year product warranty
- 30-year power warranty
- 0.45% annual power consumption



■ Jingsun Linear Power Warranty ■ Industry Warranty

- Higher output power
- Less shading effect
- Lower temperature coefficient
- Better mechanical loading tolerance

Comprehensive Certificates

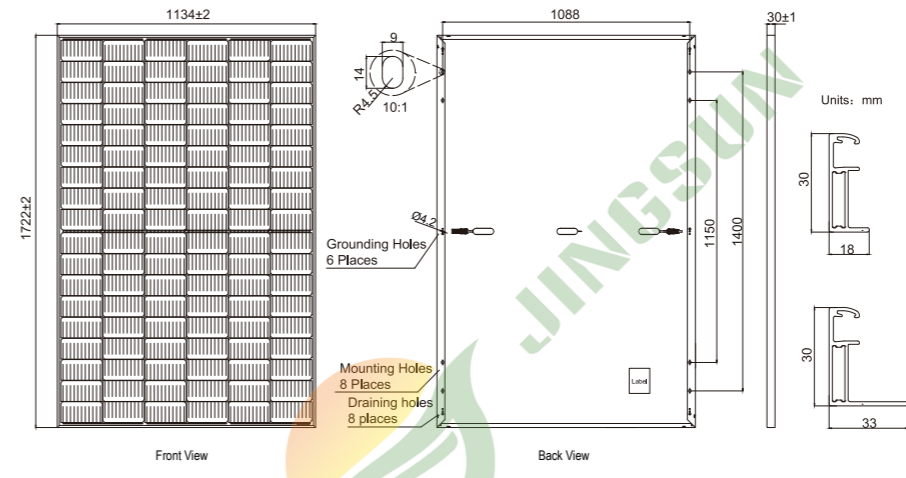
- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems



JINGSUN

JAM108S 405-430

MECHANICAL DIAGRAMS



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	182mm
Weight	21.5kg±3%
Dimension	1722±2mmx1134±2mmx35/30mm
Glass	3.2mm low-iron tempered sude glass
No. of cells	108(6x18)
Junction Box	IP≥68,3diodes
Cable&Connector	4mm²,EVO2 or EVO2 compatible
Modules Per Pallet	31/36pieces
Modules Per 40HQ	846/986pcs

ELECTRICAL PARAMETERS AT STC

TYPE	JAM108S-405	JAM108S-410	JAM108S-415	JAM108S-420	JAM108S-425	JAM108S-430
Rated Maximum Power Pmax(W)	405	410	415	420	425	430
Open Circuit Voltage Voc(V)	36.98	37.07	37.23	37.32	37.45	37.58
Maximum Power Voltage Vmp(V)	30.84	31.01	31.21	31.45	31.61	31.80
Short Circuit Current Isc(A)	13.70	13.79	13.87	13.95	14.02	14.10
Maximum Power Current Imp(A)	13.13	13.22	13.30	13.35	13.45	13.52
Module Efficiency (%)	20.7	21.0	21.3	21.5	21.8	22.0
Power Tolerance	0~+5W					
Temperature Coefficient of Isc(α_Isc)	+0.045%/C					
Temperature Coefficient of Voc(β_Voc)	-0.275%/C					
Temperature Coefficient of Pmax(γ_Pmp)	-0.350%/C					
STC	Irradiance 1000W/m², cell temperature 25 C, AM1.5G					

Remark: 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. Measurement tolerance at STC: Pmax ±3 %, Voc ±2% and Isc ±4%.

ELECTRICAL PARAMETERS AT NOCT

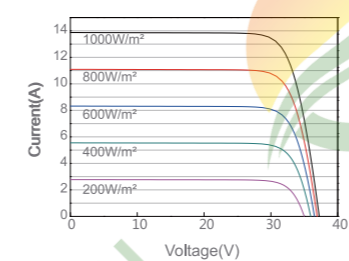
TYPE	JAM108S-405	JAM108S-410	JAM108S-415	JAM108S-420	JAM108S-425	JAM108S-430
Rated Maximum Power Pmax(W)	306	310	314	318	322	326
Open Circuit Voltage Voc(V)	34.75	34.88	35.12	35.23	35.37	35.50
Maximum Power Voltage Vmp(V)	29.08	29.26	29.47	29.72	29.89	30.09
Short Circuit Current Isc(A)	10.96	11.03	11.10	11.16	11.22	11.29
Maximum Power Current Imp(A)	10.52	10.59	10.65	10.70	10.77	10.83
NOCT	Irradiance 800W/m², ambient temperature 20 C, wind speed 1m/s, AM1.5G					

OPERATING CONDITIONS

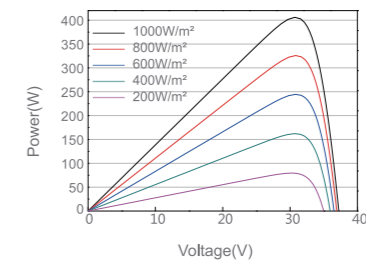
Maximum System Voltage	1000V/1500V DC
Operating Temperature	-40 C ~+85 C
Maximum Series Fuse	25A
Maximum Static Load,Front	5400Pa, 1.5
Maximum Static Load,Back	2400Pa, 1.5
NOCT	45±2 C
Application Class	Class A

CHARACTERISTICS

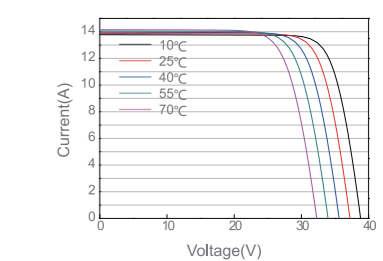
Current-Voltage Curve JAM108S-405



Power-Voltage Curve JAM108S-405



Current-Voltage Curve JAM108S-405



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