



Higher output power



Lower LCOE



Less shading and lower resistive loss



Better mechanical loading tolerance

Superior Warranty

- 12-year product warranty
- 25-year linear power output warranty

.55% Annual Degradatior Over 25 years

■ New linear power warranty
■ Standard module linear power warranty

Comprehensive Certificates

- IEC 61215, IEC 61730,UL 61215, UL 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- ISO 45001: 2018 Occupational health and safety management systems
- IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules Guidelines for increased confidence in PV module design qualification and type approval



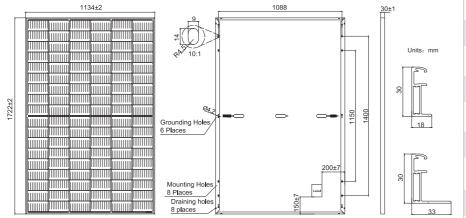








MECHANICAL DIAGRAMS



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Mono
Weight	21.5kg±3%
Dimensions	1722±2mm×1134±2mm×30±1mm
Cable Cross Section Size	4mm² (IEC) , 12 AWG(UL)
No. of cells	108(6x18)
Junction Box	IP68, 3 diodes
Connector	QC 4.10(1000V) QC 4.10-35(1500V)
Cable Length (Including Connector)	Portrait: 300mm(+)/400mm(-); Landscape: 1200mm(+)/1200mm(-)
Packaging Configuration	36pcs/Pallet, 936pcs/40ft Container

ELECTRICAL PARAMETERS AT STC JAM54S30 JAM54S30 JAM54S30 JAM54S30 JAM54S30 JAM54S30 TYPE -390/MR -395/MR -400/MR -405/MR -410/MR -415/MR 390 395 400 405 410 415 Rated Maximum Power(Pmax) [W] 36.85 36.98 37.23 37.45 37.07 37.32 Open Circuit Voltage(Voc) [V] 30.64 30.84 31.01 31.21 31.45 31.61 Maximum Power Voltage(Vmp) [V] Short Circuit Current(Isc) [A] 13.61 13.70 13.79 13.87 13.95 14.02 12.73 12.81 12.90 12.98 13.04 13.13 Maximum Power Current(Imp) [A] 20.0 20.2 20.5 20.7 21.0 21.3 Module Efficiency [%] Power Tolerance 0~+5W Temperature Coefficient of $Isc(\alpha_Isc)$ +0.045%°C -0.275%/°C Temperature Coefficient of Voc(β_Voc) Temperature Coefficient of Pmax(γ_Pmp) -0.350%/°C

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.

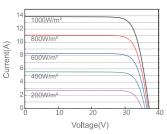
ELECTRICAL PARAMETERS AT NOCT OPERATING CONDITIONS IAM54S30 IAM54S30 IAM54S30 IAM54S30 IAM54S30

TYPE	JAM54S30 -390/MR	JAM54S30 -395/MR	JAM54S30 -400/MR	JAM54S30 -405/MR	JAM54S30 -410/MR	JAM54S30 -415/MR	Maximum System Voltage	1000V/1500V DC
Rated Max Power(Pmax) [W]	294	298	302	306	310	314	Operating Temperature	-40°C~+85°C
Open Circuit Voltage(Voc) [V]	34.62	34.75	34.88	35.12	35.23	35.37	Maximum Series Fuse Rating	25A
Max Power Voltage(Vmp) [V]	28.87	29.08	29.26	29.47	29.72	29.89	Maximum Static Load,Front* Maximum Static Load,Back*	5400Pa(112lb/ft²) 2400Pa(50lb/ft²)
Short Circuit Current(Isc) [A]	10.89	10.96	11.03	11.10	11.16	11.22	NOCT	45±2℃
Max Power Current(Imp) [A]	10.18	10.25	10.32	10.38	10.43	10.50	Safety Class	Class II
NOCT	Irradian	ce 800W/m²,	ambient tem	perature 20°C	,wind speed	1m/s, AM1.5G	Fire Performance	UL Type 1

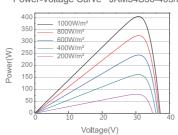
CHARACTERISTICS

STC

Current-Voltage Curve JAM54S30-405/MR



Power-Voltage Curve JAM54S30-405/MR



Current-Voltage Curve JAM54S30-405/MR

