







Less shading and lower resistive loss



Better mechanical loading tolerance

Superior Warranty

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

■ 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





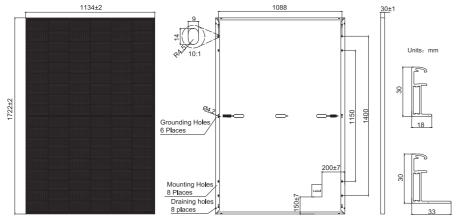






/13433 1 300-403/MIN 1316

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	MC4(1000V) MC4-EVO2(1500V)
Cable Length (Including Connector)	Portrait: 300mm(+)/400mm(-); Landscape: 1200mm(+)/1200mm(-)

Packaging Configuration 36pcs/Pallet, 936pcs/40ft Container

ELECTRICAL PARAMETERS AT STC JAM54S31 JAM54S31 JAM54S31 JAM54S31 JAM54S31 JAM54S31 TYPE -380/MR -385/MR -390/MR -395/MR -400/MR -405/MR Rated Maximum Power(Pmax) [W] 380 385 390 395 400 405 36.58 36.71 36.85 36.98 37.07 37.23 Open Circuit Voltage(Voc) [V] 30.28 30.46 30.64 30.84 31.01 31.21 Maximum Power Voltage(Vmp) [V] Short Circuit Current(Isc) [A] 13.44 13.52 13.61 13.70 13.79 13.87 Maximum Power Current(Imp) [A] 12.55 12.64 12.73 12.81 12.90 12.98 19.5 19.7 20.0 20.2 20.5 20.7 Module Efficiency [%] Power Tolerance 0~+5W +0.045%°C Temperature Coefficient of $Isc(\alpha_Isc)$ -0.275%/°C Temperature Coefficient of Voc(β_Voc) 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.

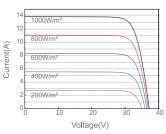
ELECTRICAL PARAM	ELECTRICAL PARAMETERS AT NOCT							
TYPE	JAM54S31 -380/MR	JAM54S31 -385/MR	JAM54S31 -390/MR	JAM54S31 -395/MR	JAM54S31 -400/MR	JAM54S31 -405/MR		
Rated Max Power(Pmax) [W]	286	290	294	298	302	306		
Open Circuit Voltage(Voc) [V]	34.36	34.49	34.62	34.75	34.88	35.12		
Max Power Voltage(Vmp) [V]	28.51	28.68	28.87	29.08	29.26	29.47		
Short Circuit Current(Isc) [A]	10.75	10.82	10.89	10.96	11.03	11.10		
Max Power Current(Imp) [A]	10.03	10.11	10.18	10.25	10.32	10.38		
NOCT	Irradiance 800W/m² ambient temperature 20°C wind speed 1m/s AM1.5G							

OPERATING CONDITIONS Maximum System Voltage 1000V/

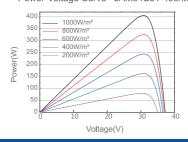
Maximum System Voltage	1000V/1500V DC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	25A
Maximum Static Load,Front* Maximum Static Load,Back*	5400Pa(112lb/ft²) 2400Pa(50lb/ft²)
NOCT	45±2°C
Safety Class	Class II
Fire Performance	UL Type 1

CHARACTERISTICS

Current-Voltage Curve JAM54S31-405/MR



Power-Voltage Curve JAM54S31-405/MR



Current-Voltage Curve JAM54S31-405/MR

