





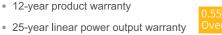


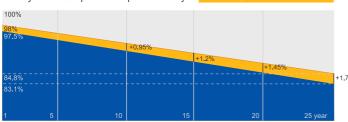
Less shading and lower resistive loss



Better mechanical loading tolerance

Superior 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 62941: 2019 Terrestrial photovoltaic (PV) modules Quality system for PV module manufacturing





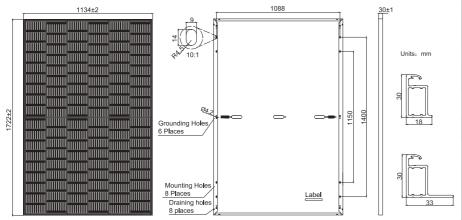








MECHANICAL DIAGRAMS



SPECIFICATIONS

Cell	Mono				
Weight	19.5kg				
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 4.10-35/ MC4-EVO2A				
Cable Length (Including Connector)	Portrait: 200mm(+)/300mm(-); 800mm(+)/800mm(-)(Leapfrog) Landscape: 1100mm(+)/1100mm(-)				
Front Glass	2.8mm				
Packaging Configuration	36pcs/Pallet 936pcs/40HQ Container				

Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC						
TYPE	JAM54S31 -380/MR	JAM54S31 -385/MR	JAM54S31 -390/MR	JAM54S31 -395/MR	JAM54S31 -400/MR	JAM54S31 -405/MR
Rated Maximum Power(Pmax) [W]	380	385	390	395	400	405
Open Circuit Voltage(Voc) [V]	36.58	36.71	36.85	36.98	37.07	37.23
Maximum Power Voltage(Vmp) [V]	30.28	30.46	30.64	30.84	31.01	31.21
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
Module Efficiency [%]	19.5	19.7	20.0	20.2	20.5	20.7
Power Tolerance						
Temperature Coefficient of Isc(α_Isc)						
Temperature Coefficient of Voc(β_Voc)			-0.275%/°C			

-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 PARAMETERS AT NOCT

Temperature Coefficient of Pmax(γ_Pmp)

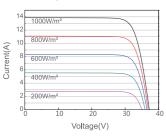
TYPE	JAM54S31 -380/MR	JAM54S31 -385/MR	JAM54S31 -390/MR	JAM54S31 -395/MR	JAM54S31 -400/MR	JAM54S31 -405/MR	
Rated Max Power(Pmax) [W]	286	290	294	298	302	306	
Open Circuit Voltage(Voc) [V]	34.36	34.49	34.62	34.75	34.88	35.12	
Max Power Voltage(Vmp) [V]	28.51	28.68	28.87	29.08	29.26	29.47	
Short Circuit 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	Irradian	ce 800W/m²,	ambient tem	perature 20°C	wind speed	1m/s, AM1.5	G

OPERATING CONDITIONS

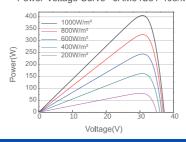
Maximum System Voltage	1000V/1500V DC	
Operating Temperature	-40°C~+85°C	
Maximum Series Fuse Rating	25A	
Maximum Static Load,Front* Maximum Static Load,Back*	5400Pa(112lb/ft²) 2400Pa(50lb/ft²)	
NOCT	45±2°C	
Safety Class	Class Ⅱ	
Fire Performance	UL Type 1	

CHARACTERISTICS

Current-Voltage Curve JAM54S31-405/MR



Power-Voltage Curve JAM54S31-405/MR



Current-Voltage Curve JAM54S31-405/MR

