







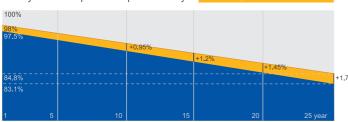
Less shading and lower resistive loss



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

.55% Annual Degradation Over 25 years



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



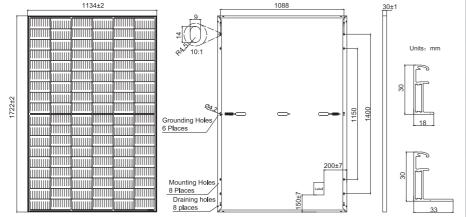








MECHANICAL DIAGRAMS



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

Remark: customized frame color and cable length available upon request

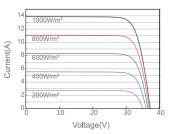
ELECTRICAL PARAMETERS AT STC									
TYPE	JAM54S30 -390/MR	JAM54S30 -395/MR	JAM54S30 -400/MR	JAM54S30 -405/MR	JAM54S30 -410/MR	JAM54S30 -415/MR			
Rated Maximum Power(Pmax) [W]	390	395	400	405	410	415			
Open Circuit Voltage(Voc) [V]	36.85	36.98	37.07	37.23	37.32	37.45			
Maximum Power Voltage(Vmp)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

ELECTRICAL PARAMETERS AT NOCT							OPERATING CONDITIONS		
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	CT Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G					Fire Performance	UL Type 1		

CHARACTERISTICS

Current-Voltage Curve JAM54S30-405/MR



400 350 350 300 800W/m² 600W/m² 250 200 400W/m² 200 150 150 100 200 300 400W/m² 200 300 400W/m² 200 300 400W/m²

Voltage(V)

Power-Voltage Curve JAM54S30-405/MR

