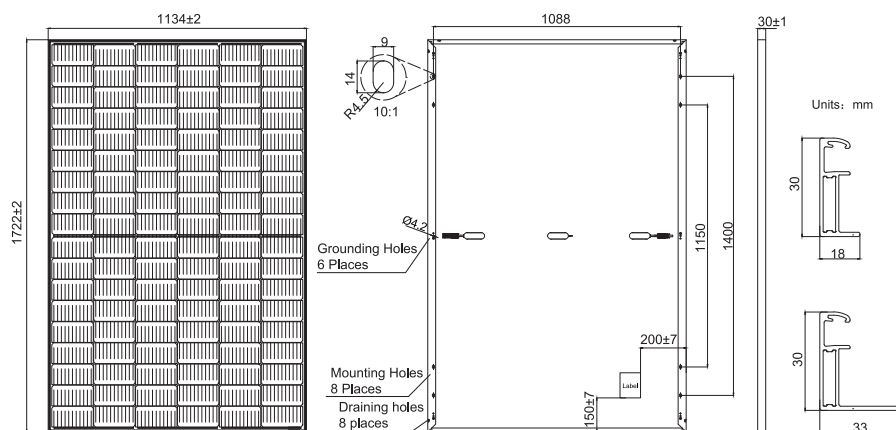


MECHANICAL DIAGRAMS



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	4mm ² (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

TYPE	JAM54S30 -390/MR	JAM54S30 -395/MR	JAM54S30 -400/MR	JAM54S30 -405/MR	JAM54S30 -410/MR	JAM54S30 -415/MR
Rated Maximum Power(P _{max}) [W]	390	395	400	405	410	415
Open Circuit Voltage(V _{oc}) [V]	36.85	36.98	37.07	37.23	37.32	37.45
Maximum Power Voltage(V _{mp}) [V]	30.64	30.84	31.01	31.21	31.45	31.61
Short Circuit Current(I _{sc}) [A]	13.61	13.70	13.79	13.87	13.95	14.02
Maximum Power Current(I _{mp}) [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 I _{sc} (α _{Isc})	+0.045%/°C					
Temperature Coefficient of V _{oc} (β _{Voc})	-0.275%/°C					
Temperature Coefficient of P _{max} (γ _{Pmp})	-0.350%/°C					
STC	Irradiance 1000W/m ² , cell temperature 25°C, AM1.5G					

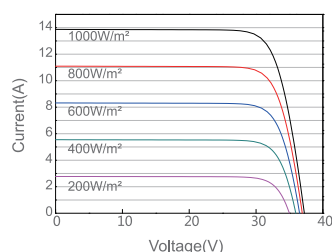
Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

ELECTRICAL PARAMETERS AT NOCT

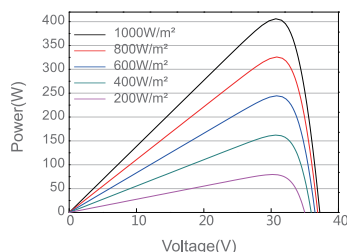
TYPE	JAM54S30 -390/MR	JAM54S30 -395/MR	JAM54S30 -400/MR	JAM54S30 -405/MR	JAM54S30 -410/MR	JAM54S30 -415/MR	OPERATING CONDITIONS
Rated Max Power(P _{max}) [W]	294	298	302	306	310	314	Maximum System Voltage 1000V/1500V DC
Open Circuit Voltage(V _{oc}) [V]	34.62	34.75	34.88	35.12	35.23	35.37	Operating Temperature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

CHARACTERISTICS

Current-Voltage Curve JAM54S30-405/MR



Power-Voltage Curve JAM54S30-405/MR



Current-Voltage Curve JAM54S30-405/MR

