



Higher output power



Lower LCOE



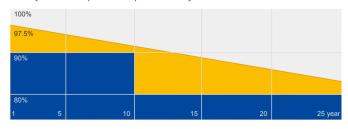
Less shading and lower resistive loss



Better mechanical loading tolerance

Superior Warranty

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



■ JA Linear Power Warranty ■ Industry Warranty

Comprehensive Certificates

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 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

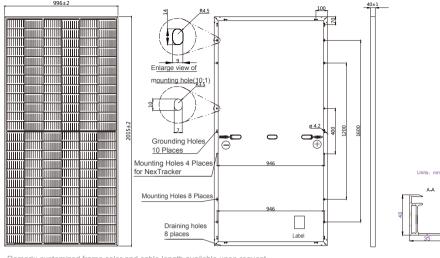








MECHANICAL DIAGRAMS



SPECIFICATIONS

Cell	Mono
Weight	22.7kg±3%
Dimensions	2015±2mm×996±2mm×40±1mm
Cable Cross Section Size	e 4mm²
No. of cells	144 (6×24)
Junction Box	IP68, 3 diodes
Connector	QC 4.10-35
	Portrait: 300mm(+)/400mm(-); Landscape: 1200mm(+)/1200mm(-)
Packaging Configuration	27 Per Pallet

Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC

					144470040
TYPE	JAM72S10 -390/MR	JAM72S10 -395/MR	JAM72S10 -400/MR	JAM72S10 -405/MR	JAM72S10 -410/MR
Rated Maximum Power(Pmax) [W]	390	395	400	405	410
Open Circuit Voltage(Voc) [V]	49.01	49.30	49.58	49.86	50.12
Maximum Power Voltage(Vmp) [V]	40.71	41.02	41.33	41.60	41.88
Short Circuit Current(Isc) [A]	10.23	10.28	10.33	10.39	10.45
Maximum Power Current(Imp) [A]	9.58	9.63	9.68	9.74	9.79
Module Efficiency [%]	19.4	19.7	19.9	20.2	20.4
Power Tolerance			0~+5W		
Temperature Coefficient of Isc(α_Isc)			+0.044%/°C		
Temperature Coefficient of $Voc(\beta_Voc)$			-0.272%/°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. *For NexTracker installations static loading performance: front load measures 2400Pa, while back load measures 2400Pa.

ELECTRICAL PARAMETERS AT NOCT

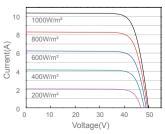
TYPE	JAM72S10 -390/MR	JAM72S10 -395/MR	JAM72S10 -400/MR	JAM72S10 -405/MR	JAM72S10 -410/MR
Rated Max Power(Pmax) [W]	294	298	302	306	310
Open Circuit Voltage(Voc) [V]	45.90	46.15	46.41	46.66	46.91
Max Power Voltage(Vmp) [V]	38.15	38.40	38.65	38.90	39.16
Short Circuit Current(Isc) [A]	8.15	8.20	8.25	8.31	8.36
Max Power Current(Imp) [A]	7.71	7.76	7.81	7.87	7.92
NOCT	Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G				

OPERATING CONDITIONS

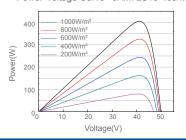
Maximum System Voltage	1000V/1500V DC(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Maximum Static Load,Front*	5400Pa
Maximum Static Load,Back*	2400Pa
NOCT	45±2°C
Application Class	Class A

CHARACTERISTICS

Current-Voltage Curve JAM72S10-405/MR



Power-Voltage Curve JAM72S10-405/MR



Current-Voltage Curve JAM72S10-405/MR

