





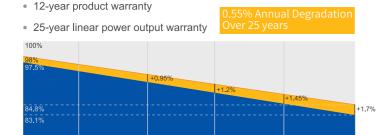


Less shading and lower resistive loss



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 TS 62941: 2016 Terrestrial photovoltaic (PV) modules Guidelines for increased confidence in PV module design qualification and type approval





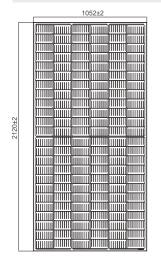


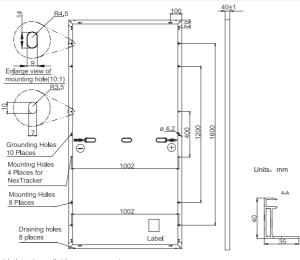






MECHANICAL DIAGRAMS





Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Mono
Weight	25.0kg±3%
Dimensions	2120±2mm×1052±2mm×40±1mm
Cable Cross Section Siz	ze 4mm² (IEC) , 12 AWG(UL)
No. of cells	144 (6×24)
Junction Box	IP68, 3 diodes
Connector	QC 4.10(1000V) QC 4.10-35(1500V)
Cable Length (Including Connector)	Portrait: 300mm(+)/400mm(-); Landscape: 1200mm(+)/1200mm(-)
Packaging Configuration	27pcs/pallet n 594pcs/40ft Container

ELECTRICAL PARAMETERS AT STC JAM72S20 JAM72S20 JAM72S20 JAM72S20 JAM72S20 JAM72S20 TYPE -445/MR -460/MR -465/MR -470/MR -455/MR -450/MR 445 450 455 460 465 470 Rated Maximum Power(Pmax) [W] 50.31 49.56 49.70 49.85 50.01 50.15 Open Circuit Voltage(Voc) [V] 41.21 41.52 41.82 42.13 42.43 42.69 Maximum Power Voltage(Vmp) [V] Short Circuit Current(Isc) [A] 11.32 11.36 11.41 11.45 11.49 11.53 10.80 10.84 10.88 10.92 10.96 11.01 Maximum Power Current(Imp) [A] Module Efficiency [%] 20.0 20.2 20.4 20.6 20.8 21.1 Power Tolerance 0~+5W Temperature Coefficient of $Isc(\alpha_Isc)$ +0.044%/°C

Temperature Coefficient of Voc(β_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

ELECTRICAL PARAMETERS AT NOCT JAM72S20 JAM72S20 JAM72S20 JAM72S20 JAM72S20 JAM72S20 TYPE -445/MR -450/MR -455/MR -460/MR -465/MR -470/MR Rated Max Power(Pmax) [W] 336 340 344 348 352 355 Open Circuit Voltage(Voc) [V] 46.65 46.90 47.15 47.38 47.61 47.84 Max Power Voltage(Vmp) [V] 38.95 39.19 39.44 39.68 40.10 Short Circuit Current(Isc) [A] 9.20 9.25 9.29 9.33 9.38 9.42 Max Power Current(Imp) [A] 8.64 8.68 8.72 8.76 8.86 8.81 Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G NOCT

*For NexTracker installations ,Maximum Static Load, Front is 1800Pa while Maximum Static Load, Back is 1800Pa.

OPERATING CONDITIONS

Maximum System Voltage	1000V/1500V DC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	20A
Maximum Static Load,Front* Maximum Static Load,Back*	5400Pa(112 lb/ft²) 2400Pa(50 lb/ft²)
NOCT	45±2°C
Safety Class	Class Ⅱ
Fire Performance	UL Type 1

CHARACTERISTICS

Current-Voltage Curve JAM72S20-455/MR

