JA smart modules incorporate innovative power electronics from Tigo Energy to achieve module-level diagnostics, maximum energy harvest through module level DC power optimization, and reduction of arc, fire and safety hazards. Integration of the module optimizer into the junction box enables patented Smart Curve technology, which allows up to 30% longer strings and significant balance-of-system (BOS) savings.

JA SOLAR

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JAM72S04 355-375/PR Series

SPECIFICATIONS

	Module Size
al data customized frame color 4parcab 0nlength availab 0nupon request	

ELECTRICAL PARAMETERS AT STC

TYPE	JAM72S04 -355/PR	JAM72S04 -360/PR	JAM72S04 -365/PR	JAM72S04 -370/PR	JAM72S04 -375/PR
Rated Maximum Power(Pmax) [W]	355	360	365	370	375
Open Circuit Voltage(Voc) [V]	43.79	44.01	44.27	44.53	44.84
Maximum Power Voltage(Vmp) [V]	38.76	38.96	39.21	39.45	39.75
Short Circuit Current(Isc) [A]	9.69	9.81	9.85	9.91	9.98d (9.98Bm 2
Maximum Power Current(Imp) [A]	9.16	9.24	9.31	9.38	
Module Efficiency [%]	18.3	18.5	18.8	19.0	
Power Tolerance					
Temperature Coef I L F L H Q W R I , V F . B , V F					
Temperature Coefficient of V R F					
Temperature Coef I L F L H Q W R I 3 P D [B 3 P S					
STC					

ELECTRICAL PARAMETERS AT NOCT

TYPE	JAM72S04 -355/PR	JAM72S04 -360/PR	JAM72S04 -365/PR	JAM72S04 -370/PR	JAM72S04 -375/PR
Rated Max Power(Pmax) [W]	261	265	268	272	276
Open Circuit Voltage(Voc) [V]	40.47	40.70	40.93		
Max Power Voltage(Vmp) [V]	35.81	36.03	36.25	36.50	36.75
Short Circuit Current(Isc) [A]	7.68	7.74	7.80	7.86	7.91
Max Power Current(Imp) [A]	7.29	7.34	7.40	7.45	7.50
NOCT	Irradiance 800W/m², ambient temperature 20 ， wind speed 1m/s, AM1.5G				

OPERATING CONDITIONS

Maximum System Voltage	1000V DC(IEC)
Operating Temperature	-40 ~+85
Maximum Series Fuse	20A
Maximum Static Load,Front	3600Pa, 1.5
Maximum Static Load,Back	1600Pa, 1.5
NOCT	45±2
Application Class	Class A

CHARACTERISTICS

- Hardware voltage clamp prevents over-voltage
- Design up to 30% longer strings
- Fewer combiner boxes, fuses and wiring
- Smaller resistance losses