JA SOLAR

JAM72S10 390-410/PR/1500V Series

MECHANICAL DIAGRAMS

SPECIFICATIONS

Cell	Mono
Weight	22.7kg±3%
Dimensions	2015±2mm×996±2mm×40±1mm
Cable Cross Section Size	4mm²
No. of cells	144 6×24

Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC

TYPE	JAM72S10 -390/PR/1500V			
Rated Maximum Power(Pmax) [W]	390	395	400	405
Open Circuit Voltage(Voc) [V]	48.91	49.21	49.50	49.81
Maximum Power Voltage(Vmp) [V]	40.55	40.85	41.17	41.46
Short Circuit Current(Isc) [A]	10.16	10.21	10.26	10.32
Maximum Power Current(Imp) [A]	9.62	9.67	9.72	9.77
Module Efficiency [%]	19.4	19.7	19.9	20.2
Power Tolerance			0~+5W	
Temperature Coef I L F L H Q W R I , V F . B , V F			+0.051%/	
Temperature Coefficient of V R F 6D)			-0.289%/	
Temperature Coef I L F L H Q W R I 3 P D [B 3 P S			-0.350%/	
STC		Irradiance 1000W/m², cell temperature 25 , 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	JAM72S10 -390/PR/1500V	JAM72S10 -395/PR/1500V	JAM72S10 -400/PR/1500V	JAM72S10 -405/PR/1500V	JAM72S10 -410/PR/1500V
Rated Max Power(Pmax) [W]	289	292	296	300	303
Open Circuit Voltage(Voc) [V]	45.04	45.30	45.56	45.81	46.06
Max Power Voltage(Vmp) [V]	37.29	37.52	37.76	38.03	38.28
Short Circuit Current(Isc) [A]	8.18	8.23	8.28	8.33	8.38
Max Power Current(Imp) [A]	7.74	7.79	7.84	7.88	7.93
NOCT	Irradiance 800W/m², ambient temperature 20 , wind speed 1m/s, AM1.5G				

OPERATING CONDITIONS

Maximum System Voltage	1500V 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