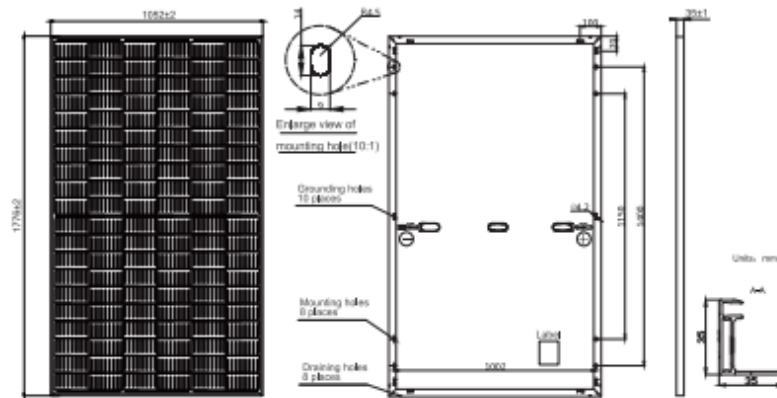


ANEXA 00. FIȘĂ TEHNICĂ MODUL FOTOVOLTAIC

JA SOLAR

JAM60S20 365-390/MR Series

MECHANICAL DIAGRAMS



SPECIFICATIONS

Cell	Mono
Weight	20.7kg±3%
Dimensions	1776±2mm×1052±2mm×35±1mm
Cable Cross Section Size	4mm ² (IEC) ,12 AWG(UL)
No. of cells	120(6×20)
Junction Box	IP68, 3 diodes
Connector	MC4 (1000V) MC4-EVO2 (1500V)
Cable Length (Including Connector)	Portrait:300mm(+)/400mm(-); Landscape:1000mm(+)/1000mm(-)
Packaging Configuration	31pcs/Pallet 744pcs/40ft Container

ELECTRICAL PARAMETERS AT STC

TYPE	JAM60S20 -365/MR	JAM60S20 -370/MR	JAM60S20 -375/MR	JAM60S20 -380/MR	JAM60S20 -385/MR	JAM60S20 -390/MR
Rated Maximum Power(P _{max}) [W]	365	370	375	380	385	390
Open Circuit Voltage(V _{oc}) [V]	41.13	41.30	41.45	41.62	41.78	41.94
Maximum Power Voltage(V _{mp}) [V]	33.96	34.23	34.50	34.77	35.04	35.33
Short Circuit Current(I _{sc}) [A]	11.30	11.35	11.41	11.47	11.53	11.58
Maximum Power Current(I _{mp}) [A]	10.75	10.81	10.87	10.93	10.99	11.04
Module Efficiency [%]	19.5	19.8	20.1	20.3	20.6	20.9
Power Tolerance	0~+5W					
Temperature Coefficient of I _{sc} (α _{Isc})	+0.044%/°C					
Temperature Coefficient of V _{oc} (β _{Voc})	-0.272%/°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

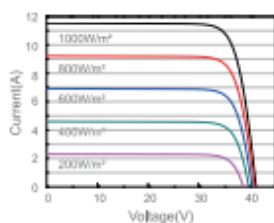
TYPE	JAM60S20 -365/MR	JAM60S20 -370/MR	JAM60S20 -375/MR	JAM60S20 -380/MR	JAM60S20 -385/MR	JAM60S20 -390/MR
Rated Max Power(P _{max}) [W]	276	280	284	287	291	295
Open Circuit Voltage(V _{oc}) [V]	38.41	38.65	38.89	39.14	39.38	39.63
Max Power Voltage(V _{mp}) [V]	32.05	32.30	32.55	32.72	32.96	33.20
Short Circuit Current(I _{sc}) [A]	9.15	9.20	9.25	9.30	9.35	9.40
Max Power Current(I _{mp}) [A]	8.61	8.66	8.71	8.78	8.83	8.88
NOCT	Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s, AM1.5G					

OPERATING CONDITIONS

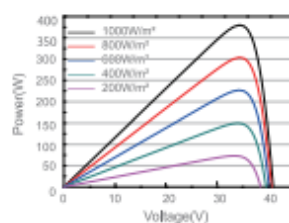
Maximum System Voltage	1000V/1500V DC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Maximum Static Load, Front	5400Pa (112 lb/ft ²)
Maximum Static Load, Back	2400Pa (50 lb/ft ²)
NOCT	45±2°C
Safety Class	Class II
Fire Performance	UL Type 1

CHARACTERISTICS

Current-Voltage Curve JAM60S20-380/MR



Power-Voltage Curve JAM60S20-380/MR



Current-Voltage Curve JAM60S20-380/MR

