



JF SOLAR



M6 Mono Half Cell Module

JFS1-120-166

350~380W

JFS1-120-350M
JFS1-120-355M
JFS1-120-360M
JFS1-120-365M
JFS1-120-370M
JFS1-120-375M
JFS1-120-380M

IEC61215/IEC61730
ISO9001:Quality Management System ISO14001:Environmental Management System
ISO45001:Occupational Health and Safety Management System



Higher Power Output



Better Low-light Performance



MBB Half Cut Cell With PERC Technology



Less Shading Effect

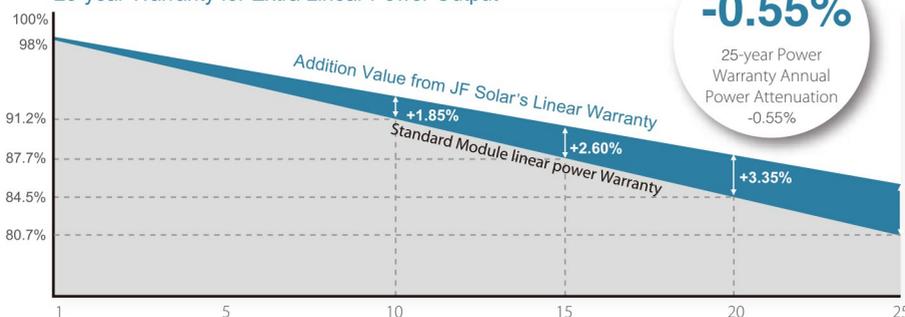


0+5W Positive Tolerance



PID Resistance

12-year Warranty for Materials and Processing;
25-year Warranty for Extra Linear Power Output



-0.55%

25-year Power
Warranty Annual
Power Attenuation
-0.55%

+4.10%



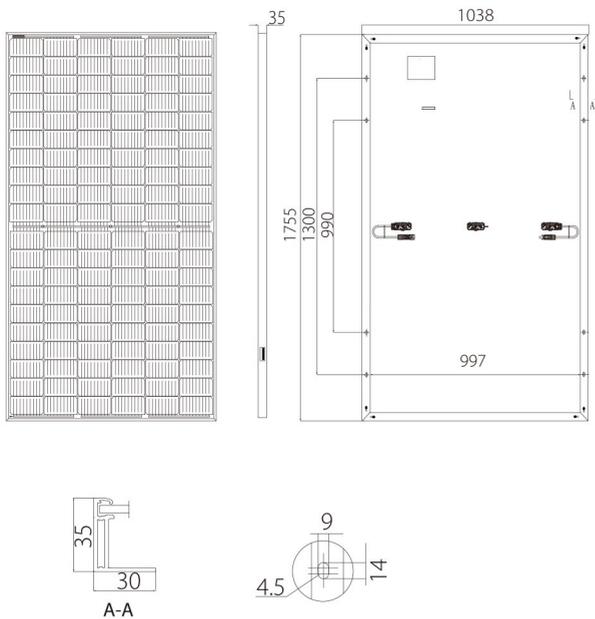
M6 Mono Half Cell (6×20) Mono Solar Module

Module Type		JFS1-120-350M		JFS1-120-355M		JFS1-120-360M		JFS1-120-365M		JFS1-120-370M		JFS1-120-375M		JFS1-120-380M	
		STC	NOCT												
Test Environment		STC	NOCT												
Maximum Power	Pmax(W)	350	261.4	355	265.1	360	268.8	365	272.6	370	276.3	375	280.0	380	283.8
Open Circuit Voltage	Voc(V)	40.1	37.6	40.3	37.8	40.5	38.0	40.7	38.2	40.9	38.3	41.1	38.5	41.3	38.7
Short Circuit Current	Isc(A)	11.15	9.02	11.25	9.10	11.35	9.17	11.43	9.25	11.52	9.32	11.60	9.38	11.69	9.45
Maximum Power Voltage	Vm(V)	33.6	31.3	33.8	31.5	34.0	31.7	34.2	31.8	34.4	32.0	34.6	32.2	34.8	32.5
Maximum Power Current	Im(A)	10.42	8.35	10.51	8.43	10.59	8.49	10.68	8.56	10.76	8.63	10.84	8.69	10.92	8.76
Module Efficiency	(%)	19.2		19.5		19.8		20.0		20.3		20.6		20.9	
Tolerance	(W)	0~+5													
Cell Type	(mm)	166×166													
Number of Cells	(Pcs)	120 (6×20)													
Maximum System Voltage	(V)	1500V(IEC)													
Temp. Coeff. of Voc	(%/°C)	-0.270													
Temp. Coeff. of Isc	(%/°C)	0.048													
Temp. Coeff. of Pm	(%/°C)	-0.350													
Operating Temperature	°C	-40 to 85													
Nominal Operating Cell Temperature (NOCT)	°C	45±2													
Max. Series Fuse	(A)	20													
Pressure Bearing	(Pa)	5400													
Wind Bearing	(Pa)	2400													

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s

ENGINEERING DRAWINGS



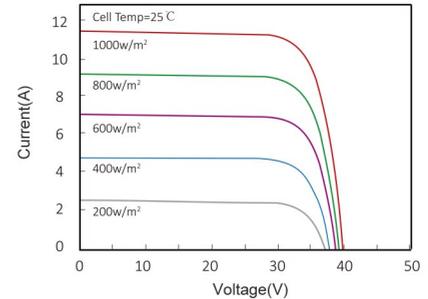
Manufactured in China

MATERIAL DETAILS

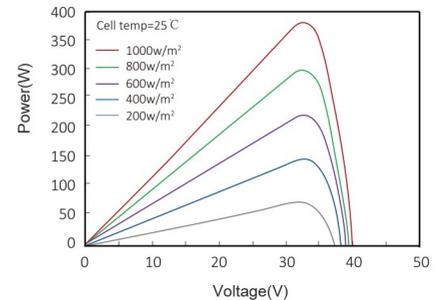
Frame	Anodized aluminum alloy frame
Glass	single glass 3.2mm coated tempered glass
Cell	6×20 mono solar cell
Junction Box	IP2: 68,TÜV & UL
Diode Quantity	3
Cable&Connector	4mm ² EVO2 or EVO2 compatible
Cable Length	300mm or as customer's requirements

IV CURVES

Current-Voltage Curve (JFS1-120-166)



Power-Voltage Curve (JFS1-120-166)



PACKING DETAILS

Dimension	(mm)	1755×1038×35
Weight	(kg)	19.5
Loading Capacity		180pcs/20GP 780pcs/40HC
Packing	Pcs/pallet	30