

# M6 Mono Half Cell Module

JFS1-120-166

# 355~385W

(Positive power tolerance of 0~+5W)

## Key Features



MBB Half Cut Cell With PERC Technology



Higher Power Output



Better Low-light Performance



Less Shading Effect



PID Resistance



Enhanced Mechanical Load

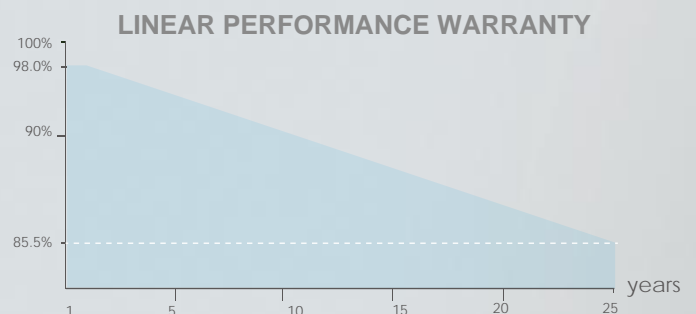
IEC61215/IEC61730  
ISO9001:Quality Management System  
ISO14001:Environmental Management System  
ISO45001:Occupational Health and Safety Management System



JF SOLAR



- 12** year Warranty for Materials and Processing
- 25** year Warranty for Extra Linear Power Output
- 0.5%** Annual Degradation Over 25 years



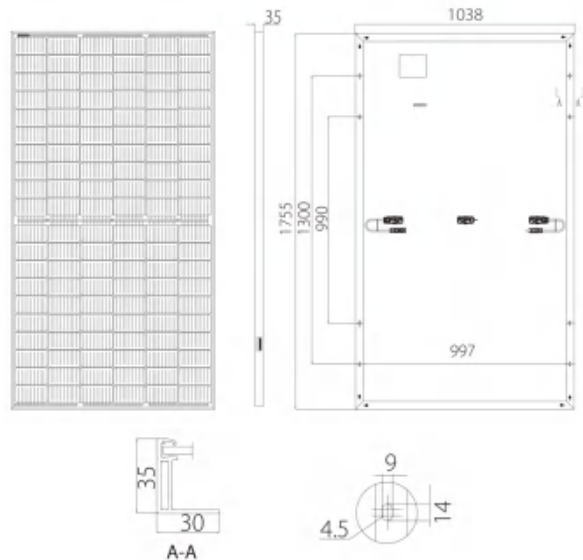
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(Positive power tolerance of 0~+5W)

## PHOTOS



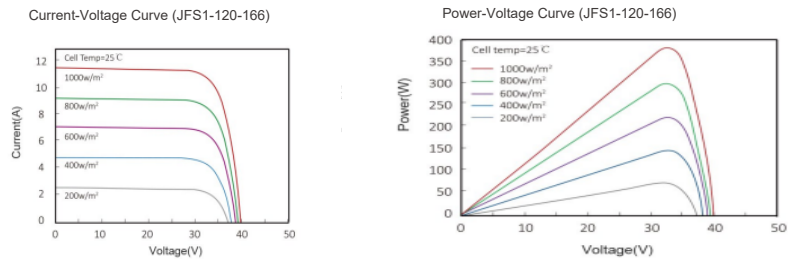
## ENGINEERING DRAWINGS



## SPECIFICATIONS

Cell	6x20 mono solar cell
Junction Box	IP≥ 68, TÜV & UL
Cable&Connector	4mm <sup>2</sup> , TS4 / MC4-EVO2
Cable Lenath	300mm or as customer's requirements
Weight	19.5kg
Packing	30pcs/pallet
Loading Capacity	180pcs/20GP 780pcs/40HC

## IV CURVES



Module Type	JFS1-120-355M		JFS1-120-360M		JFS1-120-365M		JFS1-120-370M		JFS1-120-375M		JFS1-120-380M		JFS1-120-385M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (W)	355	265.1	360	268.8	365	272.6	370	276.3	375	280.0	380	283.8	385	287.6
Open Circuit Voltage (V)	40.3	37.8	40.5	38.0	40.7	38.2	40.9	38.3	41.1	38.5	41.3	38.7	41.5	38.9
Short Circuit Current (A)	11.25	9.10	11.35	9.17	11.43	9.25	11.52	9.32	11.60	9.38	11.69	9.45	11.78	9.62
Maximum Power Voltage (V)	33.8	31.5	34.0	31.7	34.2	31.8	34.4	32.0	34.6	32.2	34.8	32.5	35.0	32.8
Maximum Power Current (A)	10.51	8.43	10.59	8.49	10.68	8.56	10.76	8.63	10.84	8.69	10.92	8.76	11.00	8.83
Module Efficiency (%)	19.5		19.8		20.0		20.3		20.6		20.9		21.2	
Tolerance	0~+5W													
Maximum System Voltage	1500V(IEC)													
Temp. Coeff. of Voc	-0.270 % / °C													
Temp. Coeff. of Isc	0.048 % / °C													
Temp. Coeff. of Pm	-0.350 % / °C													
Operatinatemperature	-40 to 85 °C													
Nominal operating cell temperature (NOCT)	45±2 °C													
Max.Series Fuse	20A													

STC: Irradiance 1000W/m<sup>2</sup>
Cell Temperature 25°C
AM=1.5
NOCT: Irradiance 800W/m<sup>2</sup>
Ambient Temperature 20°C
AM=1.5
Wind Speed 1m/s



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