


M10 Mono Half Cell Black Module

JF-182SHM3C

395~415W

(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

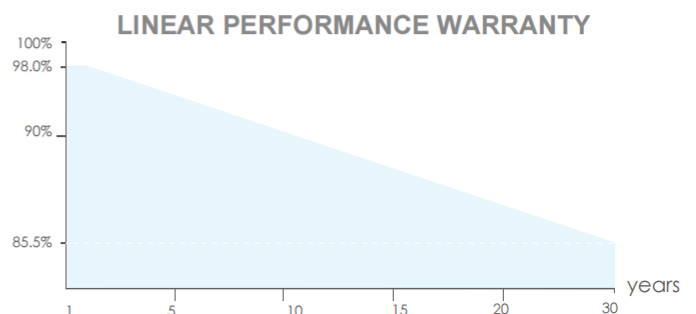
IEC61215/IEC61730
ISO9001:Quality Management System
ISO14001:Environmental Management System
ISO45001:Occupational Health and Safety Management System



JF SOLAR



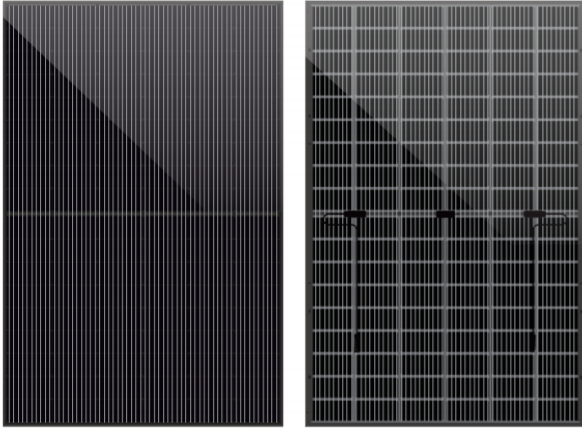
- 12** year Warranty for Materials and Processing
- 30** year Warranty for Extra Linear Power Output
- 0.5%** Annual Degradation Over 30 years



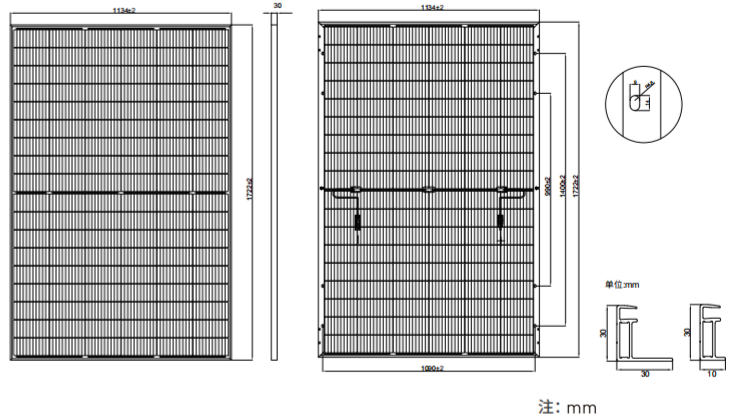
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PHOTOS



ENGINEERING DRAWINGS

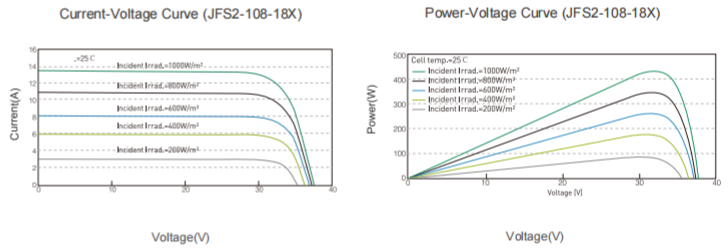


SPECIFICATIONS

(Dimension: 1722*1134*30mm)

Cell	6×18 mono solar cell
Junction Box	IP≥ 68,TÜV & UL
Cable&Connector	4mm ² ,TS4 / MC4-EVO2
Cable Lenath	300mm or as customer's requirements
Weight	23.6 kg
Packing	36pcs/pallet
Loading Capacity	936pcs/40HQ
Max. Static Load(Front)	5400Pa
Max. Static Load(Back)	2400Pa

IV CURVES



Module Type	JF-182SHM3C-395W		JF-182SHM3C-400W		JF-182SHM3C-405W		JF-182SHM3C-410W		JF-182SHM3C-415W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (W)	395	294	400	298	405	301	410	305	415	309
Open Circuit Voltage (V)	37.04	34.96	37.20	35.11	37.36	35.26	37.58	35.47	37.77	35.65
Short Circuit Current (A)	13.58	10.97	13.68	11.05	13.78	11.13	13.88	11.20	13.98	11.29
Maximum Power Voltage (V)	30.96	28.86	31.16	29.04	31.33	29.20	31.50	29.36	31.66	29.51
Maximum Power Current (A)	12.76	10.18	12.84	10.25	12.93	10.32	13.02	10.39	13.11	10.46
Module Efficiency (%)	20.23		20.48		20.74		21.00		21.25	
Tolerance	0~+3%									
Maximum System Voltage	1500V(IEC)									
Temp. Coeff. of Voc	-0.28 % / °C									
Temp. Coeff. of Isc	0.048 % / °C									
Temp. Coeff. of Pm	-0.35 % / °C									
Operational temperature	-40 to +85 °C									
Nominal operating cell temperature (NOCT)	45±2 °C									
Max. Series Fuse	25A									

STC: Irradiance 1000W/m²
Cell Temperature 25°C
AM=1.5
NOCT: Irradiance 800W/m²
Ambient Temperature 20°C
AM=1.5
Wind Speed 1m/s



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version:EN-20210407A