

M10 Mono Half Cell Module

JF-182SHM7C

530~550W

(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



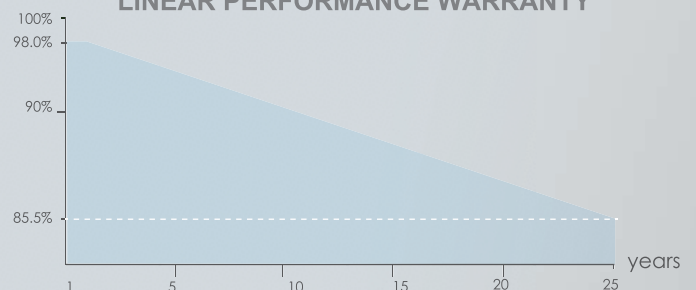
year Warranty for Materials and Processing



year Warranty for Extra Linear Power Output

-0.5% Annual Degradation Over 25 years

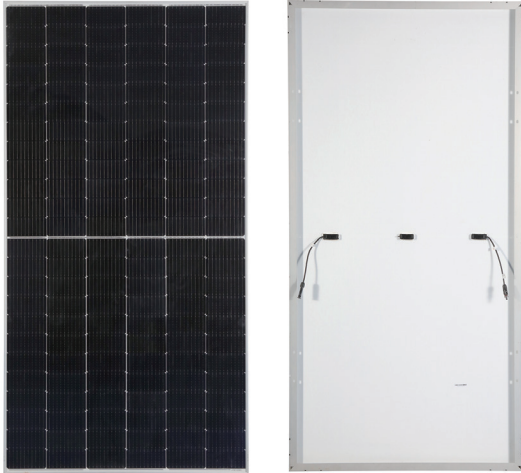
LINEAR PERFORMANCE WARRANTY



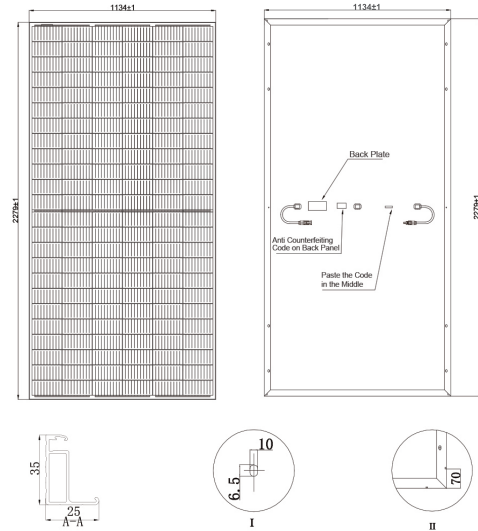
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PHOTOS



ENGINEERING DRAWINGS



注: mm

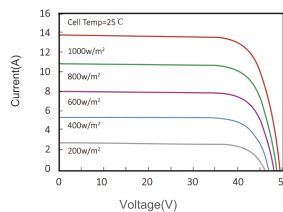
SPECIFICATIONS

(Dimension: 2279*1134*35mm)

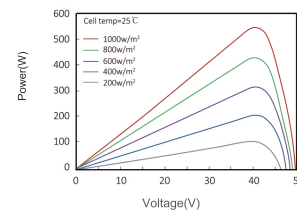
Cell	6×24 mono solar cell
Junction Box	IP≥ 68, TÜV & UL
Cable&Connector	4mm ² , TS4 / MC4-EVO2
Cable Lenath	300mm or as customer's requirements
Weight	28.6kg
Packing	31pcs/pallet
Loading Capacity	620pcs/40HQ
Max. Static Load(Front)	5400Pa
Max. Static Load(Back)	2400Pa

IV CURVES

Current-Voltage Curve (JF-182SHM7C)



Power-Voltage Curve (JF-182SHM7C)



Module Type	JF-182SHM7C-530W		JF-182SHM7C-535W		JF-182SHM7C-540W		JF-182SHM7C-545W		JF-182SHM7C-550W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment										
Maximum Power (W)	530	395.8	535	399.5	540	403.3	545	407.0	550	410.7
Open Circuit Voltage (V)	49.20	46.12	49.35	46.26	49.50	46.41	49.65	46.55	49.80	46.69
Short Circuit Current (A)	13.71	11.09	13.78	11.15	13.85	11.20	13.92	11.25	13.99	11.41
Maximum Power Voltage (V)	41.35	38.50	41.50	38.64	41.65	38.78	41.80	38.92	41.95	39.04
Maximum Power Current (A)	12.82	10.28	12.90	10.34	12.97	10.40	13.04	10.46	13.11	10.52
Module Efficiency (%)	20.5		20.7		20.9		21.1		21.3	
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									
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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