

M10 Mono Half Cell Module

JF-182SHN7C

560~590W

(Positive power tolerance of 0~+5W)

Key Features



MBB Half Cut Cell With TOPCon 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



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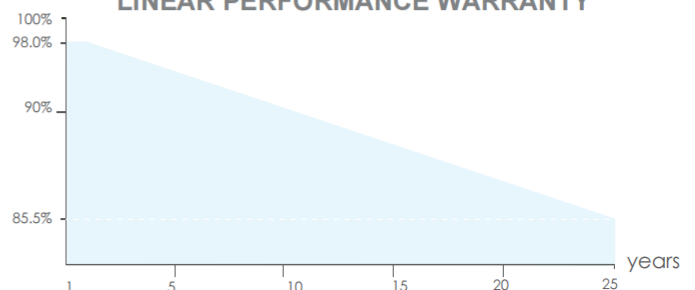
year Warranty for Materials and Processing

25

year Warranty for Extra Linear Power Output

-0.5% Annual Degradation Over 25 years

LINEAR PERFORMANCE WARRANTY



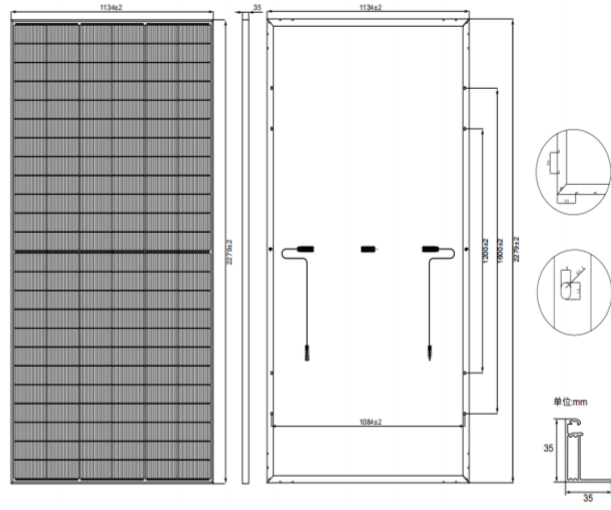
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PHOTOS



ENGINEERING DRAWINGS



Note:mm

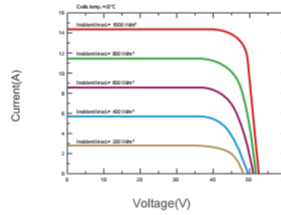
SPECIFICATIONS

(Dimension: 2279*1134*30mm)

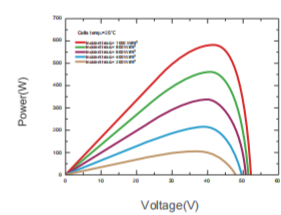
Cell	6×24 mono solar cell
Junction Box	IP≥ 68,TÜV & UL
Cable&Connector	4mm ² ,TS4 / MC4-EVO2
Cable Lenath	300mm or as customer's requirements
Weight	28.6 kg
Packing	31pcs/pallet
Loading Capacity	620pcs/40HQ
Max. Static Load(Front)	5400Pa
Max. Static Load(Back)	2400Pa

IV CURVES

Current-Voltage Curve (JF-182SHN7C)



Power-Voltage Curve (JF-182SHN7C)



Module Type	JF-182DHN7F-560W		JF-182DHN7F-565W		JF-182DHN7F-570W		JF-182DHN7F-575W		JF-182DHN7F-580W		JF-182DHN7F-585		JF-182DHN7F-590W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment														
Maximum Power (W)	560	421	565	425	570	429	575	432	580	436	585	440	590	444
Open Circuit Voltage (V)	50.63	48.09	50.83	48.28	51.03	48.47	51.23	48.66	51.42	48.84	51.62	49.03	51.82	49.22
Short Circuit Current (A)	14.06	11.35	14.12	11.40	14.18	11.44	14.24	11.49	14.31	11.55	14.38	11.61	14.45	11.66
Maximum Power Voltage (V)	42.17	39.60	42.36	39.73	42.51	39.86	42.69	40.01	42.89	40.15	43.05	40.30	42.23	40.47
Maximum Power Current (A)	13.28	10.63	13.34	10.69	13.41	10.75	13.47	10.81	13.53	10.87	13.59	10.92	13.65	10.96
Module Efficiency (%)	21.7		21.9		22.1		22.3		22.5		22.6		22.8	
Tolerance	0~+5W													
Maximum System Voltage	1500V(IEC)													
Temp. Coeff. of Voc	-0.250 % / °C													
Temp. Coeff. of Isc	0.048 % / °C													
Temp. Coeff. of Pm	-0.29 % / °C													
Operational temperature	-40 to + 85 °C													
Nominal operating cell temperature (NOCT)	45±2 °C													
Max. Series Fuse	30A													

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



Anhui JF solar Technology Co.,Ltd

www.jf-solartech.com

E-mail:info@jf-solartech.com TEL:+86 555-3866688

ADD:N0.9,West Taiyanghe Road,He County EDZ,Maanshan City,Anhui Province,China

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