

M10 Mono Half Cell Module

JF-182DHN7F

560~580W

(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



12

year Warranty for Materials and Processing

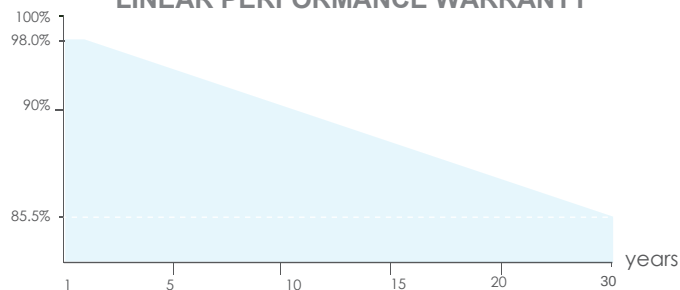
30

year Warranty for Extra Linear Power Output

-0.5%

Annual Degradation Over 30 years

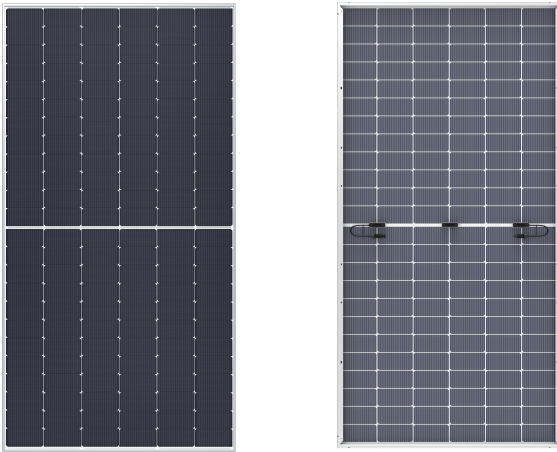
LINEAR PERFORMANCE WARRANTY



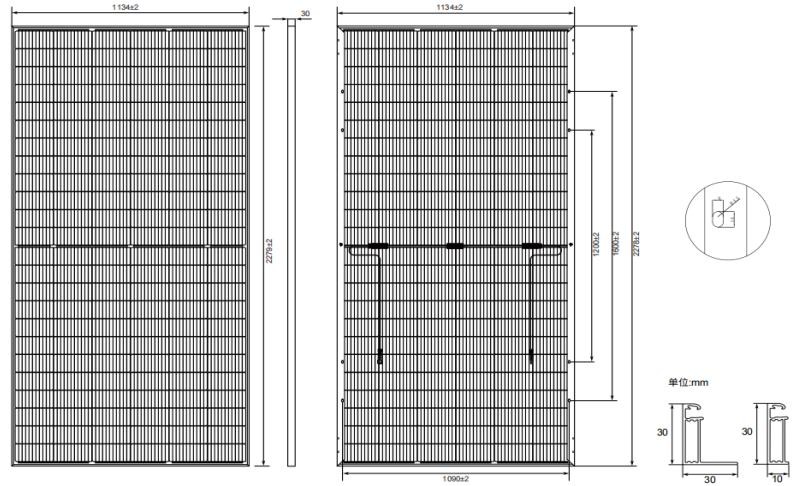
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PHOTOS



ENGINEERING DRAWINGS



SPECIFICATIONS

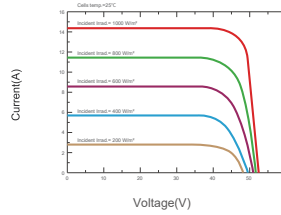
(Dimension : 2279*1134*30mm)

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	31.6 kg/43lbs
Packing	36pcs/pallet
Loading Capacity	720pcs/40HQ
Max. Static Load(Front)	5400Pa
Max. Static Load(Back)	2400Pa

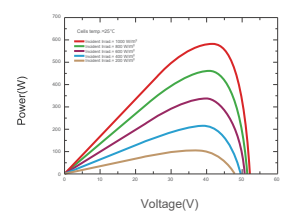
Note:mm

IV CURVES

Current-Voltage Curve (JF-182DHN7F)



Power-Voltage Curve (JF-182DHN7F)



Module Type	JF-182DHN7F-560W		JF-182DHN7F-565W		JF-182DHN7F-570W		JF-182DHN7F-575W		JF-182DHN7F-580W	
Test Environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (W)	560	421	565	425	570	429	575	432	580	436
Open Circuit Voltage (V)	50.71	48.17	50.91	48.36	51.11	48.55	51.31	48.74	51.51	48.93
Short Circuit Current (A)	14.12	11.40	14.18	11.45	14.24	11.49	14.30	11.54	14.36	11.59
Maximum Power Voltage (V)	41.98	39.43	42.17	39.56	42.32	39.69	42.47	39.82	42.62	39.91
Maximum Power Current (A)	13.34	10.68	13.40	10.74	13.47	10.80	13.54	10.86	13.61	10.93
Module Efficiency (%)	21.7		21.9		22.1		22.3		22.5	
Tolerance			0~+5W							
Maximum Svstem Voltage			1500V(IEC)							
Temp . Coeff . of Voc			-0.270 % / °C							
Temp . Coeff . of Isc			0.048 % / °C							
Temp . Coeff . of Pm			-0.350 % / °C							
Operatinal 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



Anhui JF solar Technology Co.,Ltd

www.jf-solartech.com

E-mail:info@jf-solartech.com TEL:+86 0555-3866688

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

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