

M10 Mono Half Cell Module

JFS2-132-18X

475~495W

(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

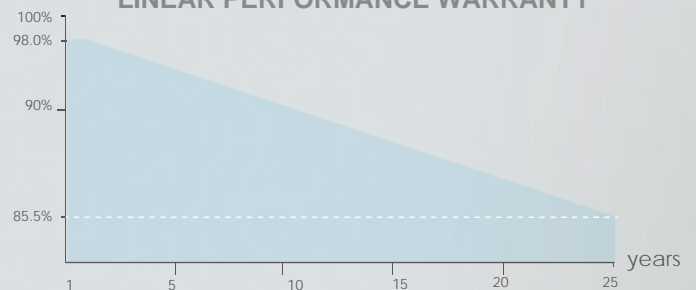
12 year Warranty for Materials and Processing

25 year Warranty for Extra Linear Power Output

-0.5% Annual Degradation Over 25 years



LINEAR PERFORMANCE WARRANTY



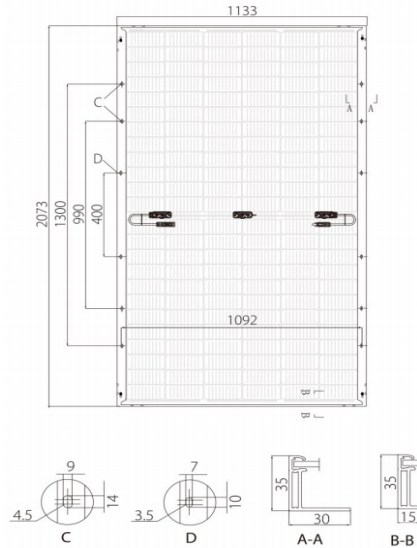
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PHOTOS



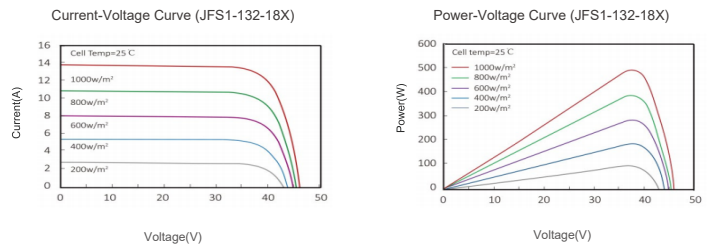
ENGINEERING DRAWINGS



SPECIFICATIONS

Cell	6x22 mono solar cell
Junction Box	IP≥ 68,TÜV & UL
Cable&Connector	4mm ² , EVO2 or EVO2 compatible
Cable Lenath	300mm or as customer's requirements
Weight	24.5kg
Packing	31pcs/pallet
Loading Capacity	155pcs/20GP 682pcs/40HC

IV CURVES



Module Type	JFS2-132-475M		JFS2-132-480M		JFS2-132-485M		JFS2-132-490M		JFS2-132-495M	
	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)	475	354.7	480	358.5	485	362.2	490	365.9	495	369.7
Open Circuit Voltage (V)	44.80	41.92	44.95	42.06	45.10	42.20	45.25	42.34	45.40	42.48
Short Circuit Current (A)	13.51	10.92	13.59	10.98	13.67	11.05	13.74	11.11	13.82	11.17
Maximum Power Voltage (V)	37.63	35.08	37.93	35.22	37.93	35.36	38.08	35.50	38.23	35.64
Maximum Power Current (A)	12.63	10.11	12.79	10.18	12.79	10.24	12.87	10.31	12.95	10.37
Module Efficiency (%)	20.02		20.04		20.6		20.9		21.1	
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	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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