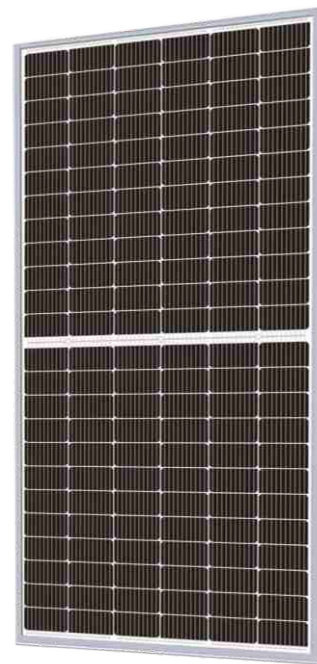


560-585W Single Crystalline Silicon Solar Modules

M10/182mm Cell. 144 Half Cell Modules

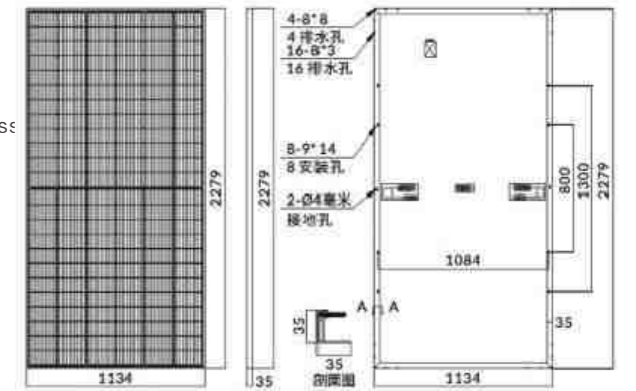
The series of photovoltaic modules stands out through breakthrough innovation in large-sized M10 (182mm) solar cells, achieving the highest power generation and lowest LCOE. This makes the series of 5 modules the best choice for large solar power plants. The application of Ga-doped chip technology can significantly improve the performance of LID, while the latest integrated segmented carbon strip technology can improve power output and enhance the reliability of the modules in long-term use. We assure you 25 years guarantee of product power, 12 years of guarantee of product quality.

High Quality



Structural Features

Type	Mono Silicon
No. of Cells	144(6x24)
Dimension	2279x1134x35毫米
Weight	28/32.4KG
Front	Thickness 3.2/2.0 mm Coated Tempered Glass
Aluminum Frame	Anodized Aluminum Alloy
Junction box	Ip68 (3 Bypass Diodes)
	4.0 Square Millimetre
Connects Cable	300 mm (+)/400 mm (-)
	Length can be customized
Plug-in Connector	Mc4 Compatible plug Connector
Maximum Mechanical Load	5400 Pa



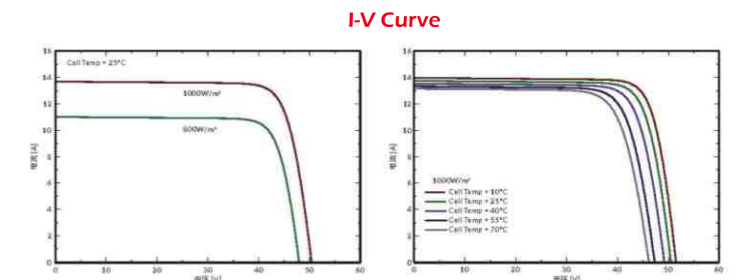
Electrical Performance Parameters

Power Range	FEMI-565M		FEMI-570M		FEMI-575M		FEMI-580M		FEMI-585M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power(Pmax)	565W	425W	570W	429W	575W	432W	580W	436W	585W	440W
Open Circuit Voltage(Voc)	50.63V	48.18V	50.77V	48.35V	50.91V	48.52V	51.05V	48.69V	51.19V	48.86V
Short-circuit Current(Isc)	14.22A	11.46A	14.30A	11.52A	14.38A	11.57A	14.46A	11.62A	14.54A	11.68A
Peak Power Voltage(Vmpp)	41.98V	39.46V	42.13V	38.59V	42.28V	38.71V	42.43V	38.84V	42.58V	39.97V
Peak Power Current(Imp)	13.46A	10.77A	13.53A	10.84A	13.60A	10.88A	13.67A	10.95A	13.74A	11.01A
Module Efficiency(%)	21.9%		22.1%		22.2%		22.4%		22.6%	

Standard Test Conditions (STC); Irradiance 1000W/m², Battery temperature 25 °C, spectral AM1.5G
Nominal battery operating temperature (NOCT): irradiance 800W/m², Environmental temperature 20 °C, spectral AM1.5G, wind speed 1m/s

Packing Parameters

Flat Car Model(Length)	13米	17.5米
Number of Modules per Pallet	31	31
Number of Pallet per Car	22	30
Number of Modules per Car	682	930



Operation Parameters

Ambient Temperature	-40°Cto~+85°C
Maximum System Voltage	1500V DC (IEC)
Maximum Fuse Rating	25A
Power Tolerance	0/+5W

Temperature Feature

Nominal operating temperature(Noct)	45±2°C
Peak Power Temperature Coefficient	-0.36%/°C
Open Circuit Temperature Coefficient	-0.28%/°C
Short Circuit Current Temperature Coefficient	+0.05%/°C

Disclaimer: The electrical performance parameters in this product catalog are only used for comparison between different component types, and women do not guarantee their complete accuracy. Due to innovative research and product improvement, women have the right to adjust the information in this technical parameter document at any time without prior notice.

Ga-doped

Half Cell Technology

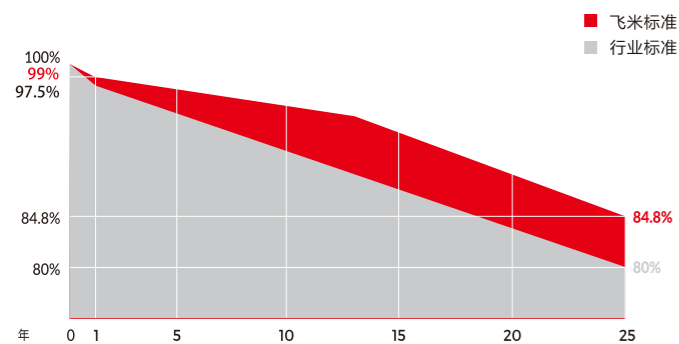
Multi-grid Line Technology

Anti PID Low LID Performance

Less impact of Hot Spot Occlusion

Lower BOS & LCOE Cost

Linear Warranty



Comprehensive Certificates

- ISO9001:2015
- SO14001:2015
- ISO45001:201
- IEC61215&IEC61730

