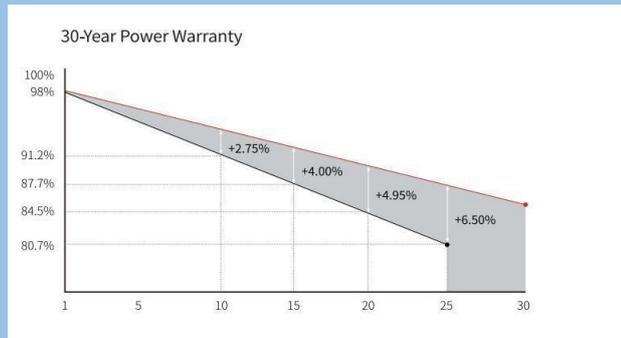
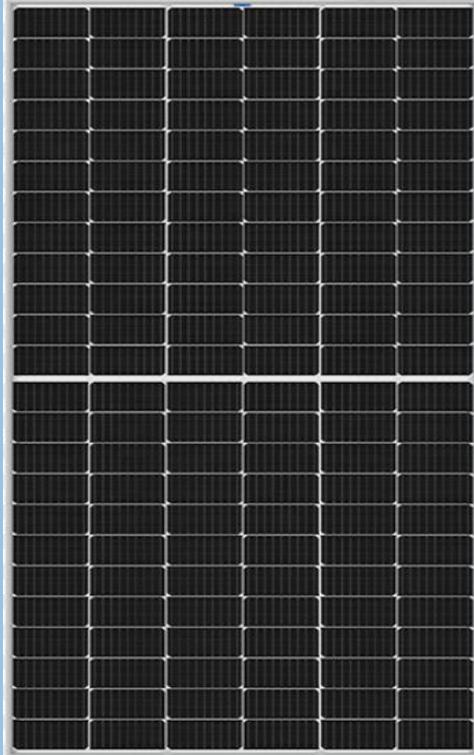


# JFM8-54N Dual Glass 415-435Watt

*High Efficiency Mono Silicon Solar Module*



**12 Year Product Material And Workmanship Warranty**  
**30 Year Linear Power Warranty**

#### System And Certification

ISO14001:2015 / GB/T24001-2016

OHSAS18001:2007 / GB/T28001-2011

IEC61215、IEC61730、TUV、CQC



#### Product Characteristics

**High Conversion Efficiency:** With advanced manufacturing processes, the efficiency of our modules has exceeded 22.3%;

**Positive Tolerance:** 0-3% positive tolerance at peak power output, which ensures their reliability;

**High Wind And Snow Resistance:**The modules are able to withstand a wind pressure of 2400 pa and snow pressure of 5400 pa;

**Excellent PID Resistance:** With special cell and packing materials the modules have excellent anti-pid performance;

**Resistance To Harsh Environments:**with excellent resilience , the modules can be used under high altitude and severe cold conditions as well as in deserts,farms and coastal regions.

Zhejiang Jingfeng Technology Co., LTD.

("Jingfeng" or the "company") was established in 2018 with a registered capital of 51.18 million CNY. Located in Nanxun District, Huzhou City, Zhejiang Province. Close to G50 and S12 ,logistics transportation extending in all directions. Jingfeng is a professional manufacturer engaged in the design, production and sale of high efficiency photovoltaic modules. The company has 155 employees, including 34 quality control team and 19 design and development team. The company has obtained ISO9001/ISO14000/ISO45001/TUV /CQC certification, and has a mature professional management team and strong R & D team technical force, with advanced production technology and lean management as well as advanced MES production system, to ensure the stability of the company's product production and product quality reliability. JingFeng aims at serving the "double carbon" goal, with the mission of "Beautiful China ,Dynamic Huzhou", committed to build the company into a first-class new energy enterprise.

## Jingfeng Solar



Mechanical Diagrams		Mechanical Parameters					
		Module Size	2278*1134*30mm				
		Cell Type	N-Type Monocrystalline Silicon 182mm				
		Number Of Cells	108H (9×12)				
		Module Weight	20.6kg				
		Glass	2.0+2.0mm High Transmittance, Coated Glass				
		Aluminum Frame	Anodized Aluminum Alloy Frame				
		Junction Box	Three Diodes, Protection Class IP68				
		Cable	4.0mm <sup>2</sup> , 300mm PV cable or length can be customized				
		Connector	MC4 Compatible				
				Operating Parameters			
		Insulation And Voltage Resistance	4000VDC(Max)				
		Operating Temperature	-40℃ TO +85℃				
		Max Static Load,Front(snow,wind)	5400Pa				
		Hail Impact Test	25mm at 23m/s				
		Packing Information					
		Standard Packing	36pcs				
		One Container (40HC)	936pcs				
Electrical Performance (STC)		Irradiance 1000W/m <sup>2</sup> , Cell Temperture 25℃, Air Quality AM1.5					
Module Model:	JFM8-54N Dual Glass						
Maximum Power-Pmax(W)	415	420	425	430	435		
Power Tolerance	0 <sup>+</sup> +5W						
Voltage At Maximum Power Point-Vmp(V)	31.68	32.02	32.35	32.68	33.01		
Current At Maximum Power Point-Imp(A)	13.10	13.12	13.14	13.16	13.18		
Open Circuit Voltage-Voc(V)	38.45	38.48	38.54	38.60	38.72		
Short Circuit Current-Isc(A)	13.77	13.78	13.79	13.80	13.89		
Module Efficiency(%)	21.3%	21.5%	21.8%	22.0%	22.3%		
Maximum System Voltage	1500VDC(IEC)						
Maximum Fuse Rated Current	25A						
Maximum Power(Pmax)Temperture	0.3369%/K						
Open Circuit Voltage(Voc)Temperture Coefficient	-0.2641%/K						
Short Circuit Current(Isc)Temperture Coefficient	0.0410%/K						
Nonimal Operating Cell Temperture (NOCT)	41.5±2℃						
Double-Sided Power Gernation Parameters(rear side power gain,reference to 430W)							
Pmax(W)	Voc(V)	Isc(A)	Vmp(V)	Imp(A)	Pmax Gain		
473	38.6	15.18	32.68	14.47	10%		
494.5	38.6	15.87	32.68	15.13	15%		
516	38.6	16.56	32.68	15.74	20%		
537.5	38.7	17.25	32.78	16.40	25%		
559	38.7	17.94	32.78	17.05	30%		