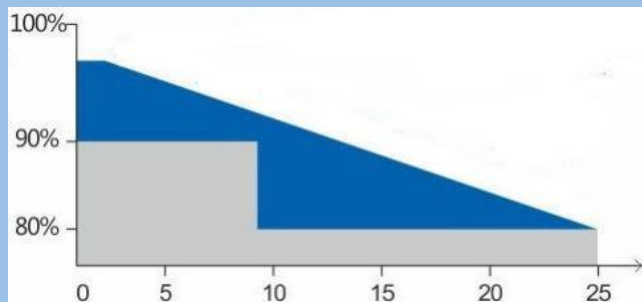
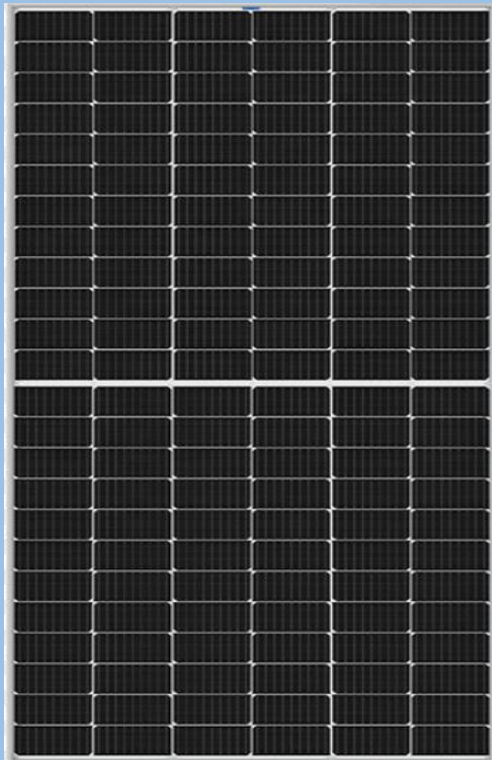


# JFAM-50H 480-510Watt

*High Efficiency Mono Silicon Solar Module*

Zhejiang Jingfeng Technology Co;Ltd

[www.jingfengsolar.com](http://www.jingfengsolar.com)



**10 Year Product Material And Workmanship Warranty**

**25 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 21.2%;

**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;

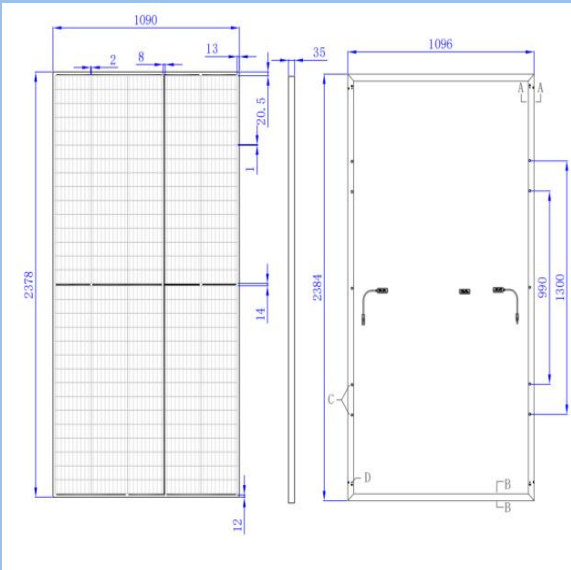
**Resistance To Harsh Environments:** with excellent resilience, the modules can be used under high altitude and severe cold conditions as well as in deserts, farms and coastal regions.

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	2187*1102*35mm					
		Cell Type	Monocrystalline Silicon 210mm					
		Number Of Cells	150H（10×15）					
		Moudle Weight	26.3kg					
		Glass	3.2mm High Transmittance, Anti-Reflection Coated Tempered Glass					
		Encapsulation	High Transprency EVA Film					
		Backsheet	White Fluorinated Backsheet					
		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		31pcs						
One Container（40HC）		527pcs						
Electrical Performance（STC）		Irradiance 1000W/m2, Cell Temperture25℃, Air Quality AM1.5						
Module Model:		JFAM-50H						
Maximum Power-Pmax(W)		480	485	490	495	500	505	510
Power Tolerance		0 <sup>+</sup> +5W						
Voltage At Maximum Power Point-Vmp(V)		42.00	42.20	42.40	42.60	42.80	43.00	43.20
Current At Maximum Power Point-Imp(A)		11.42	11.49	11.56	11.63	11.69	11.75	11.81
Open Circuit Voltage-Voc(V)		50.80	51.10	51.30	51.50	51.70	51.90	52.10
Short Circuit Current-Isc(A))		11.99	12.07	12.14	12.21	12.28	12.35	12.42
Module Efficiency(%)		19.9%	20.1%	20.3%	20.5%	20.7%	21.0%	21.2%
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℃						