

Reliable Module Manufacturer more than 20 years



FE72-18X(ND)

Double Glass TOPCon PV Module

Jiangsu Xiehang Energy Technology Co.Ltd
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Factory: FELLOWENERJI A.S.
Factory : Jiangsu Xiehang Energy Technology Co.Ltd

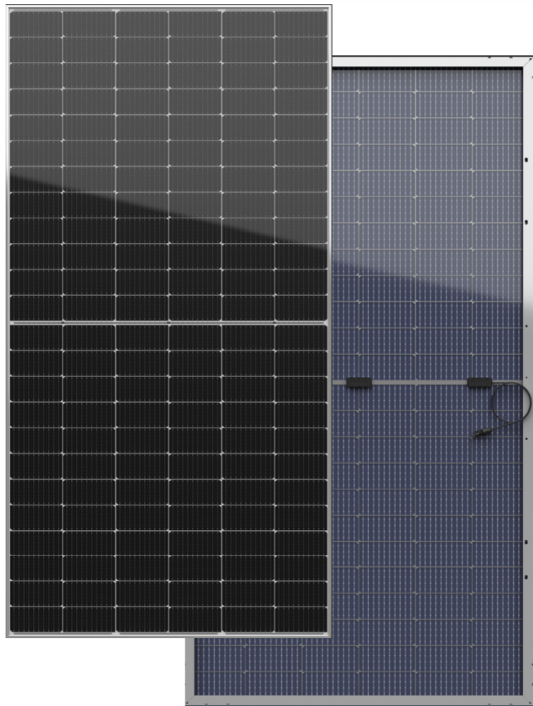


NEW

Big Size: Cell 182*91

Monocrystalline

570W / 575W / 580W / 585W / 590W



Bifaciality : 80(±5)%
Weight : 32.5(±0.5)kg
No of Cells : 144(6×24)
Module Efficiency : 22.9%
Dimensions : 2278 ± 2mm×1134 ± 2mm×30mm



FELLOWPLUS+



Half cut cell technology can reduce the internal power loss and improve module overall power
Excellent heat dissipation avoids hot spot production

TOPCon

Double glass, The optimized number and width of main gate lines, Maximize the light receiving area of modules and Reduce module power consumption.

15Ys

Products warranty



1500V

Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs

30Ys

Warranty on power output

EL

Microcrack resistant
Double glass structure enhance reliability,
double EL tested of high quality control.



All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

0~+3%

Positive tolerance
0~3% guaranteed



Entire module certified with stand extreme wind (2400Pa)and snow loads (5400Pa)

AntiPID

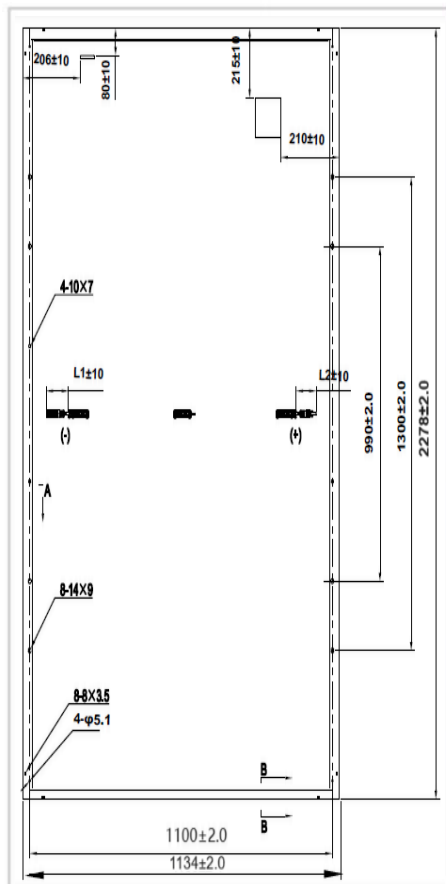
PID resistant

Comprehensive and first-rate certification system

IEC61215 : 2016.IEC61730 : 2016 Latest Standardand ISO 9001,ISO 14001 and ISO45001 meeting the highest international standards Strict quality control



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Electrical Characteristics (STC)

Module Type	FE72-18X (ND)				
Maximum power (Pmax)	570W	575W	580W	585W	590W
Open Circuit Voltage (Voc)	50.9V	51.1V	51.3V	51.5V	51.7V
Short Circuit Current (Isc)	14.23A	14.31A	14.39A	14.47A	14.55A
Maximum power voltage (Vmp)	42.7V	42.9V	43.1V	43.3V	43.5V
Maximum power Current(Imp)	13.37A	13.41A	13.47A	13.53A	13.59A
Module EfficiencyPower	22.1%	22.3%	22.5%	22.7%	22.9%
Tolerance	0~+3%				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	25A				
Operating Temperature	-40 to+85				

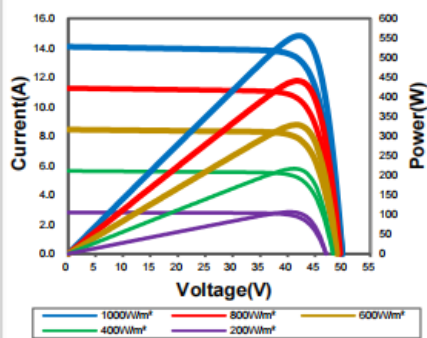
*STC : AM 1.5 , Irradiance1000W/M²,module temperature25

Electrical Characteristics (NMOT)

Module Type	FE72-18X(ND)				
Maximum power(Pmax)	433W	437W	441W	445W	449W
Open Circuit Voltage(Voc)	48.9V	49.1V	49.2V	49.4V	49.5V
Short Circuit Current(Isc)	11.47A	11.53A	11.60A	11.67A	11.74A
Maximum power voltage(Vmp)	41.0V	41.2V	41.4V	41.6V	41.8V
Maximum power Current(Imp)	10.56A	10.61A	10.65A	10.69A	10.73A

*NMOT : Irradiance 800W/M²,ambient temperature 20 ,wind speed1m/s

• IV Curves



Bifacial output-rearside gain

5%	Maximum Power (PMAX)	588W	593W	599W	604W	609W
	Module Efficiency	22.8%	23.0%	23.2%	23.4%	23.7%
15%	Maximum Power (PMAX)	644W	650W	656W	661W	667W
	Module Efficiency	24.9%	25.2%	25.4%	25.6%	25.8%
25%	Maximum Power (PMAX)	700W	706W	713W	719W	725W
	Module Efficiency	27.1%	27.4%	27.6%	27.8%	28.1%

Nominal Module Operating Temperature (NMOT) 43±2

Temperature Coefficient of Pmax Y(Pm) -0.31%/

Temperature Coefficient of Voc (Voc) -0.25%/

Temperature Coefficient of Isc (Isc) 0.046%/

Solar Cells Monocrystalline 182x91mm

No.of cells 144 (6x24)

Dimensions 2278 ± 2mm×1134 ± 2mm×30mm

Weight 32.5 (±0.5) kg

Glass(Front/Back) High transmission coated tempered glass/Heat strengthened glass

Frame Anodized aluminum alloy

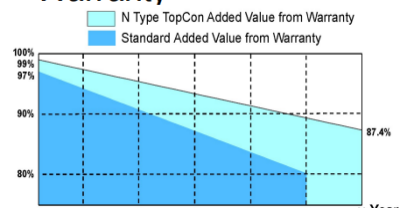
Junction Box IP68

Cable 4mm² (IEC) ength: (+)400mm, (-)200mm/length can be customized

Connectors MC4/MC4 Compatible

Packaging Configuration 36pcs/box : 720pcs/40'HQ Container

• Warranty



15-year product warranty

30-year warranty on power output

*Specific information is referred to the product quality guarantee

*The module recycling should be carried out by the professional institutions at the end of module life cycle

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