

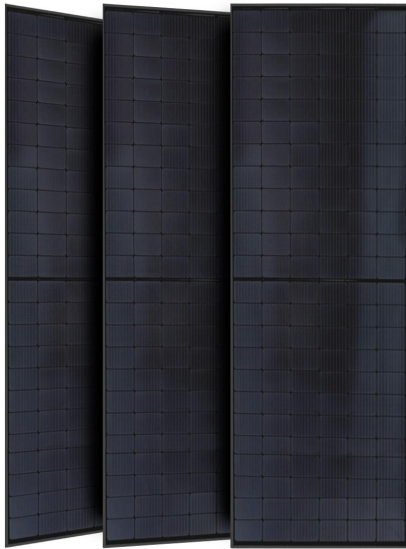
FE72-18X Full Black

High Efficiency Low LID with Half-cut Technology

NEW

Big Size: Cell 182*91 Monocrystalline

535W / 540W
545W / 550W / 555W



- **Module Efficiency:**
21.5%
- **No. of Cells:**
144(6 x 24)
- **Weight:**
27.2kg
- **Dimensions:**
2279mmx1134mmx35mm



Jiangsu Xiehang New Energy Intelligent Equipment Co.Ltd
www.xiehangenergy.com

Factory: HT FELLOW ENERJI A.Ş.
Factory: CHEN GUNES ENERJISI SANAYI VE
TICARET LIMITED SIRKETI



Half cut cell technology can reduce the internal power loss and improve component overall power. Excellent heat dissipation avoids hot spot production. Low LID Bifacial PERC with Half-cut Technology



10BB The optimized number and width of main gate lines, Maximize the light receiving area of components and Reduce component power consumption

12Ys

Products Warranty



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

25Ys

Warranty on power output



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

EL

Microcrack resistant highperformance transparent backsheets structure enhance reliability, triple EL tested of high quality control.

5W

Positive tolerance 0/+5W guaranteed



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

PID

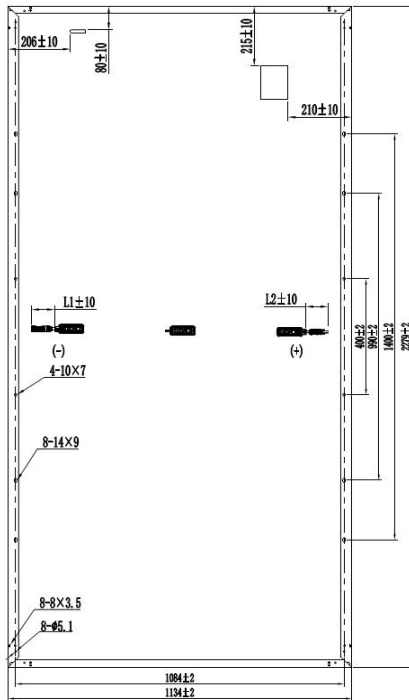
PID Resistant

Comprehensive and first-rate certification system

IEC61215 : 2016. IEC61730 : 2016 Latest Standard ISO9001, ISO14001 and ISO45001, meeting the highest international standards Strict quality control



Engineering Drawing



Electrical Characteristics (STC)

Module Type	FE72-18X				
Maximum Power(Pmax)	535W	540W	545W	550W	555W
Open Circuit Voltage(Voc)	49.35V	49.50V	49.65V	49.8V	49.95V
Short Circuit Current(Isc)	13.83A	13.90A	13.95A	14.00A	14.07A
Maximum Power Voltage(Vmp)	41.50V	41.65V	41.80V	41.95V	42.10V
Maximum Power Current(Imp)	12.90A	12.97A	13.05A	13.12A	13.20A
Module Efficiency(%)	20.7%	20.9%	21.1%	21.3%	21.5%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	25A				
Operating Temperature	-40°C TO +85°C				

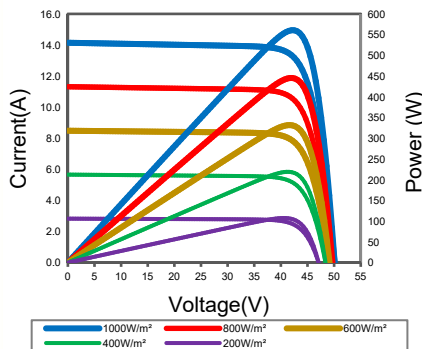
*STC: AM 1.5, Irradiance 1000W/m², module temperature 25°C

Electrical Characteristics(NMOT)

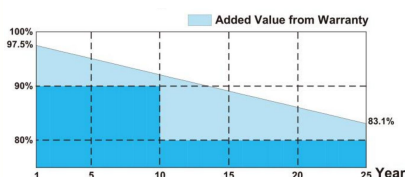
Module Type	FE72-18X				
Maximum Power(Pmax)	400W	404W	408W	412W	416W
Open Circuit Voltage(Voc)	45.04V	45.55V	45.70V	45.85V	46.00V
Short Circuit Current(Isc)	11.29A	11.36A	11.43A	11.50A	11.57A
Maximum Power Voltage(Vmp)	37.64V	37.79V	37.94V	38.09V	38.24V
Maximum Power Current(Imp)	10.63A	10.69A	10.75A	10.81A	10.88A

*NMOT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

· IV Curves



· Warranty



12-year product warranty
25-year warranty on power output
*Specific information is referred to the product quality guarantee

Temperature Coefficient of Pmax	Y(Pm)	- 0.350%/°C
Temperature Coefficient of Voc	β(Voc)	- 0.275%/°C
Temperature Coefficient of Isc	α(Isc)	+0.045%/°C

Solar Cells	Monocrystalline 182 x 91mm
No. of Cells	144 (6×24)
Dimensions	2279mm×1134mm×35mm
Weight	27.2kg
Front Glass	High transmission tempered glass3.2mm
Frame	Anodized aluminum alloy
Junction Box	IP68
Cable	4mm ² (IEC)Length: (+)400mm, (-)200mm/length can be customized
Connectors	MC4/MC4 Compatible
Packaging Configuration	31pcs/box: 620pcs 40'HQ Container

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

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