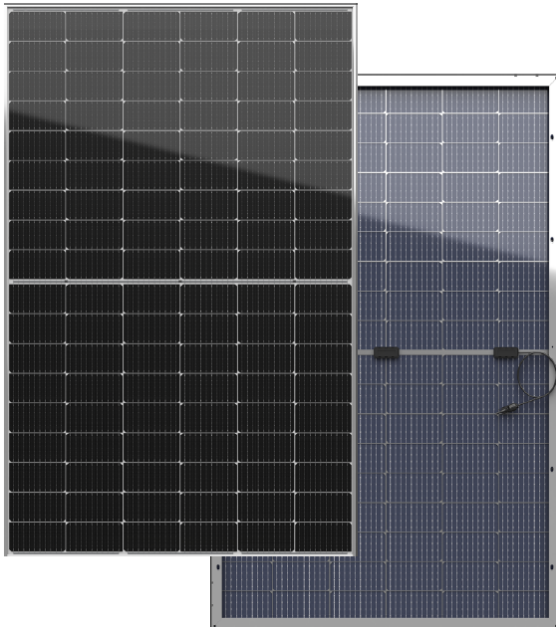


FE72-18X (N) Transparent

High Efficiency Low LID and Bifacial cell with Half-cut Technology

Big Size Cell 182*91 mm Monocrystalline

560W / 565W
570W / 575W / 580W



- ◆Module Efficiency : 22.5%
- ◆No.of Cells:
144 (6 x 24)
- ◆Weight:
27.4kg
- ◆Dimensions:
2279±2mm × 1134±2mm × 35mm



ZERO LID (Light Induced Degradation)

N-type solar cell has NO LID naturally which can increase power generation.



10-30% Additional Power Generation

10-30% additional power generation comparing with conventional P-type module

EL

Microcrack resistant high performance transparent backsheet structure enhance reliability, triple EL tested of high quality control.



Lower LCOE
Higher bifaciality 80%±5%, higher power output and lower BOS cost. Higher power output even under low-light environment



Enhanced Mechanical Load Certified to withstand: wind load(2400 Pascal) and snow load (5400 pascal).



Better Temperature Coefficient
Higher power generation under normal working conditions

15 Ys

Products Warranty

30 Ys

Warranty on power output

5W

Positive tolerance 0/+5W guaranteed

PID

PID Resistant

Comprehensive and first-rate certification system

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



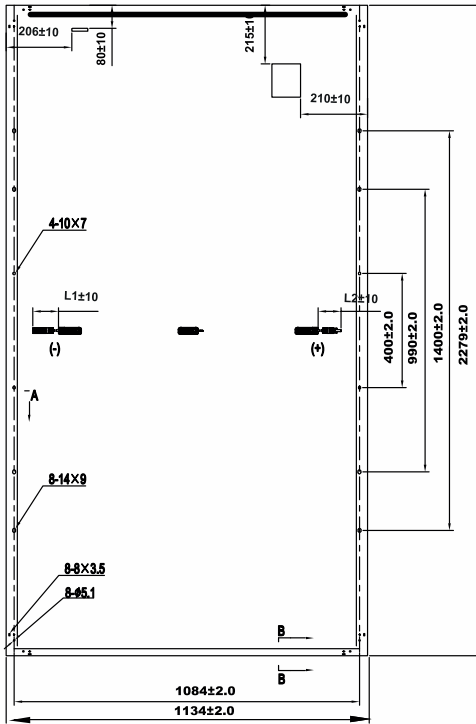
FELLOWPLUS+

Better Choice For Higher Efficiency!

FE72-18X (N) Transparent

560W/565W/570W/575W/580W

Engineering Drawing



Electrical Characteristics

Module	FE72-18X (N)				
Maximum Power at STC (Pmax)	560W	565W	570W	575W	580W
Open-Circuit Voltage (Voc)	50.67V	50.87V	51.07V	51.27V	51.47V
Short-Circuit Current (Isc)	14.13A	14.19A	14.25A	14.30A	14.37A
Optimum Operating Voltage (Vmp)	41.95V	42.14V	42.29V	42.44V	42.59V
Optimum Operating Current (Imp)	13.35A	13.41A	13.48A	13.55A	13.62A
Module Efficiency	21.68%	21.87%	22.07%	22.26%	22.45%
Power Tolerance	0 ~ +5W				
Maximum Series Voltage	1500V DC (IEC)				
Maximum Series Fuse Rating	25A				
Operating Temperature	-40°C to +85°C				

*STC: Irradiance 1000W/m², module temperature 25, AM=1.5
Optional Black frame or white frame module according to customer requirements

NMOT

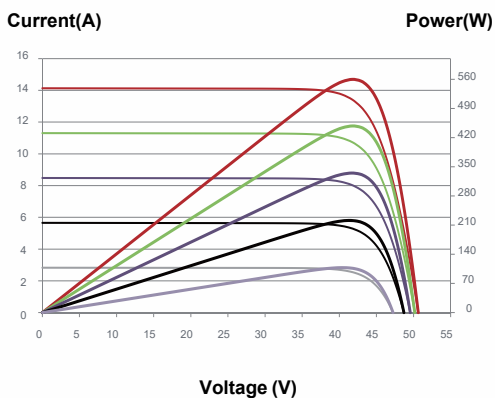
Module	FE72-18X (N) (Bifaciality 80±5%)				
Maximum Power	421W	425W	429W	432W	436W
Open-Circuit Voltage (Voc)	48.13V	48.32V	48.51V	48.70V	48.89V
Short-Circuit Current (Isc)	11.41A	11.46A	11.50A	11.55A	11.60A
Optimum Operating Voltage (Vmp)	39.39V	39.52V	39.65V	39.78V	39.87V
Optimum Operating Current (Imp)	10.69A	10.75A	10.81A	10.87A	10.94A
Power Tolerance	45°C±2				

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

Mechanical Characteristics

Solar Cells	Monocrystalline 182 x 91 mm
No. of Cells	144 (6x24)
Dimensions	2279±2mm × 1134±2mm × 35mm
Weight	27.4 kg
Front Glass	High transmission tempered glass; thickness; 3.2mm
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm ² (IEC) Length:(+400mm (-)200mm)/length can be customized
Connectors	Original MC4
Packaging Configuration	31pcs / box, 620pcs / 40'HQ container

I-V Curves



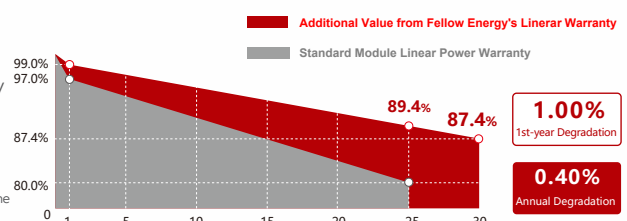
Temperature Characteristics

Temperature Coefficient of Pmax	γ (Pm)	-0.295%/°C
Temperature Coefficient of Voc	β (Voc)	-0.245%/°C
Temperature Coefficient of Isc	α (Isc)	+0.045%/°C

Warranty

15 Ys Products Warranty
30 Ys 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