Reliable Module Manufacturer more than 20 years

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

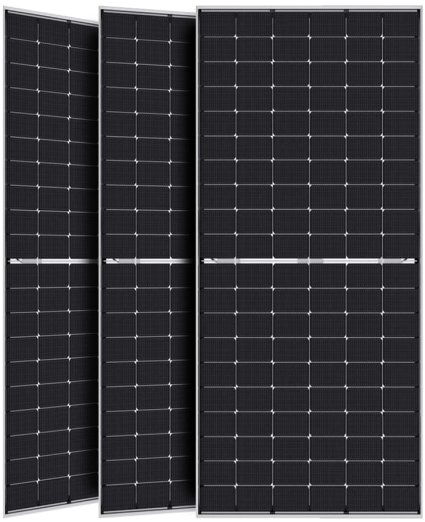
Factory: HT FELLOW ENERJI A.Ş.
Factory: CHEN GUNES ENERJISI SANAYI VE TICARET LIMITED SIRKETI

FE60-166M

High Efficiency Low LID with Half-cut Technology

NEW | Big Size: Cell 166*83 Monocrystalline

360W / 365W
370W / 375W / 380W



- **Module Efficiency: 20.9%**
- **No.of Cells: 120 (6 x 20)**
- **Weight: 19.5kg**
- **Dimensions: 1755mmx1038mmx35mm**

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

9BB 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, increas-ing the string length of solar systems and saving on BOS costs

25Ys
Warranty on power output

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

2%
All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

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

5W
Positive tolerance 0/+5W guaranteed

PID
PID Resistant

Comprehensive and first-rate certification system

IEC61215 : 2016.IEC61730 : 2016 Latest Standard and UL 61730 Latest Standard, IS09001 IS014001 and ISO45001, meeting the highest international standards Strict quality control

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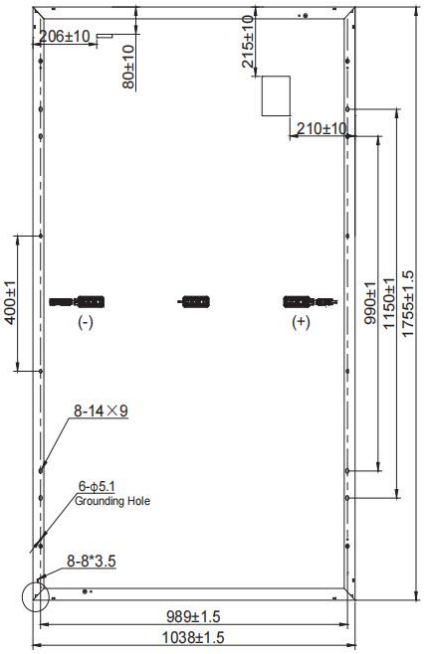
Better Choice For Higher Efficiency!

FE60-166M

360W/365W/370W/375W/380W

Engineering Drawing



Electrical Characteristics (STC)

Module Type	FE60-166M				
Maximum Power(Pmax)	360W	365W	370W	375W	380W
Open Circuit Voltage(Voc)	41.1V	41.3V	41.5V	41.6V	41.7V
Short Circuit Current(Isc)	11.53A	11.63A	11.72A	11.85A	11.98A
Maximum Power Voltage(Vmp)	33.7V	33.9V	34.1V	34.2V	34.6V
Maximum Power Current(Imp)	10.69A	10.77A	10.86A	10.98A	10.99A
Module Efficiency(%)	19.8%	20.0%	20.3%	20.6%	20.9%
Power Tolerance	0～ +5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	20A				
Operating Temperature	-40℃ TO +85℃				

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

Electrical Characteristics(NMOT)

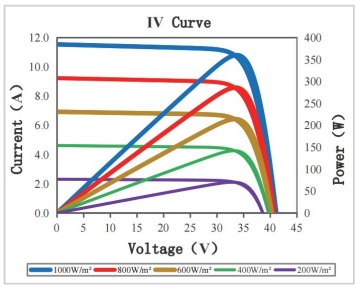
Module Type	FE60-166M				
Maximum Power(Pmax)	267W	271W	275W	279W	283W
Open Circuit Voltage(Voc)	38.8V	39.0V	39.2V	39.4V	39.6V
Short Circuit Current(Isc)	9.30A	9.39A	9.48A	9.58A	9.65A
Maximum Power Voltage(Vmp)	31.8V	32.0V	32.1V	32.4V	32.6V
Maximum Power Current(Imp)	8.40A	8.47A	8.54A	8.61A	8.68A

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

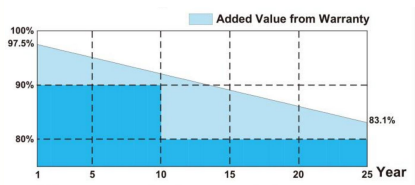
Temperature Coefficient of Pmax	Y(Pm)	- 0.350%/℃
Temperature Coefficient of Voc	β(Voc)	- 0.275%/℃
Temperature Coefficient of Isc	α(Isc)	+0.045%/℃

· IV Curves

Current-Voltage & Power-Voltage Curve



· Warranty



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

Solar Cells	Monocrystalline 166 x 83mm
No.of Cells	120 (6×20)
Dimensions	1755mm×1038mm×35mm
Weight	19.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Cable	4mm2(IEC)Length: (+)400mm, (-)200mm/length can be customized
Connectors	MC4/MC4 Compatible
Packaging Configuration	31 pcs/box: 744pcs 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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