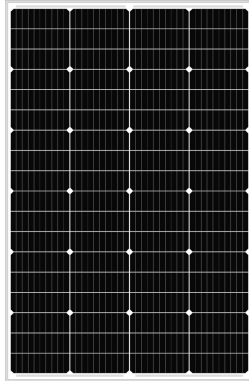


**12 YEARS**  
Guarantee on product material and workmanship

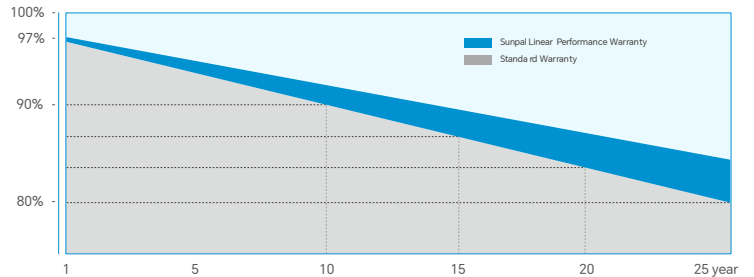
**25 YEARS**  
Linear Power output warranty

**STC irradiance**  
STC irradiance 1000W/m<sup>2</sup>  
Cell Temperature 25 °C AM=1.5

**NOCT irradiance**  
NOCT irradiance 800W/m<sup>2</sup>  
Ambient Temperature 20 °C AM=1.5



## Additional Value

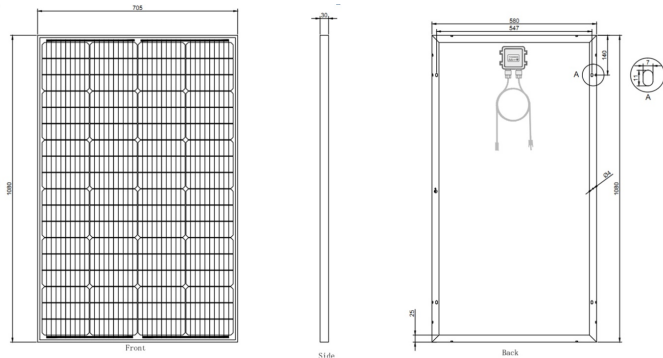


## MECHANICAL CHARACTERISTICS

Cell Type	166x55.33Mono
No. of Cells	72(4x18)
Dimensions	1080*705*30mm
Weight	8kg
Front Glass	3.2mm high transmission low iron,tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65/IP67
Output cables	2.5mm <sup>2</sup> cable 50cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

## TEMPERATURE & MAXIMUM RATING

Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/ °C)	-0.350%
Voc Temperature Coefficients(V/ °C)	-0.270%
Isc Temperature Coefficients(A/ °C)	+0.048%
NOCT Nominal Operating Cell Temperature( °C)	45±2
Operating and Storage Temperature( °C)	-40 ~ +85



## ELECTRICAL DATA(STC)

Model Type	FG140M-72	FG150M-72
Peak Power(Pmax)	140	150
Maximum Power Voltage(Vmp)	19.85	20.55
Maximum Power Current(Imp)	7.06	7.3
Open Circuit Voltage(Voc)	23.44	23.82
Short Circuit Current(Isc)	7.46	7.69
Module Efficiency(%)	18.39	19.7

\* STC: irradiance 1000 W/m<sup>2</sup>, AM 1.5G, and cell temperature of 25°C

## PACKING WAY

20FT	8Packages/960PCS
40HQ	16Packages/2176PCS



## Future Green Technology Co., Ltd.

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