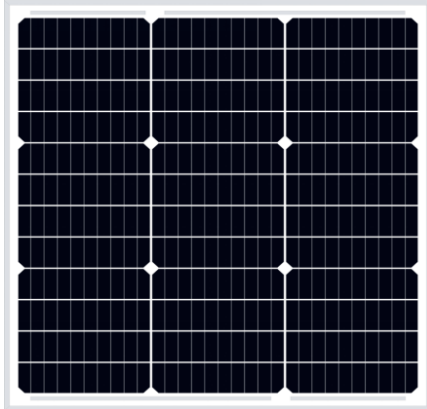


**12 YEARS**  
Guarantee on product material and workmanship

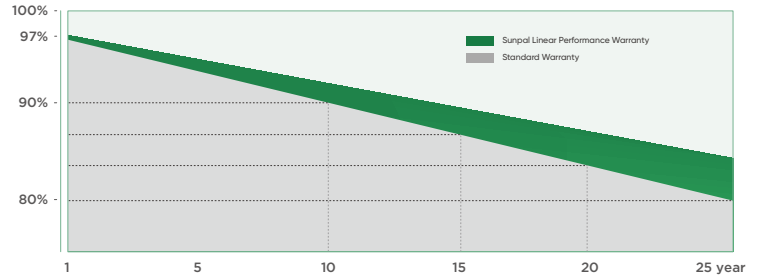
**25 YEARS**  
Linear Power output warranty

**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

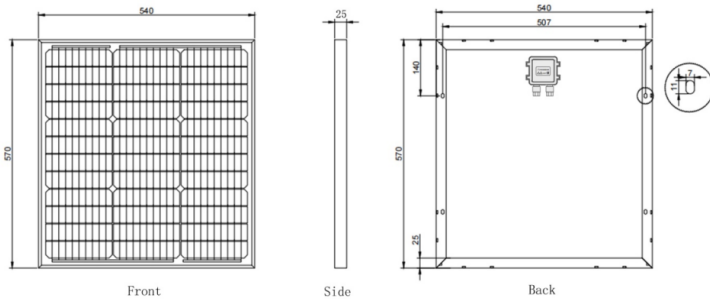


## Additional Value



## MECHANICAL CHARACTERISTICS

Cell Type	166x41.5Mono
No. of Cells	36(3x12)
Dimensions	570*540*25mm
Weight	3.3kg
Front Glass	3.2mm high transmission low iron,tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65/IP67
Output cables	Without cables and connector
MaxWind Load/Snow Load	2400Pa/5400Pa



## ELECTRICAL DATA(STC)

Model Type	SP50M-36	SP55M-36
Peak Power(Pmax)	50W	55W
Maximum Power Voltage(Vmp)	19.72	20.54
Maximum Power Current(Imp)	2.54	2.68
Open Circuit Voltage(Voc)	23.29	23.79
Short Circuit Current(Isc)	2.68	2.82
Module Efficiency(%)	16.24	17.87

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

## TEMPERATURE&MAXIMUM RATING

Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	10
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

## PACKING WAY

20FT	10Packages/2520PCS
40HQ	20Packages/6400PCS

