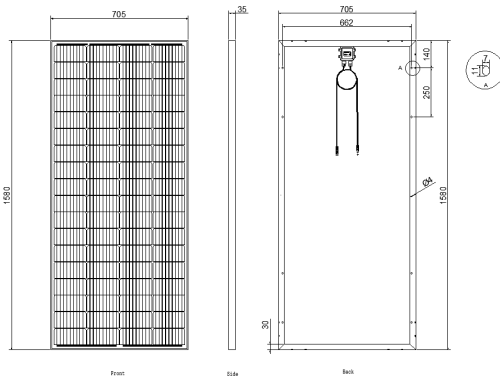
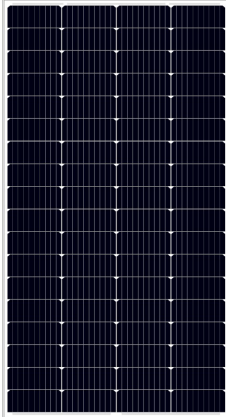


12 YEARS
Guarantee on product material and workmanship

25 YEARS
Linear Power output warranty

STC irradiance
STC irradiance 1000W/m²
Cell Temperature 25 °C AM=1.5

NOCT irradiance
NOCT irradiance 800W/m²
Ambient Temperature 20 °C AM=1.5



MECHANICAL CHARACTERISTICS

Cell Type	166x83Mono
No. of Cells	72(4x18)
Dimensions	1580*705*35mm
Weight	11.69kg
Front Glass	3.2mm high transmission low iron,tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65/IP67
Output cables	4mm ² cable 90cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

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

ELECTRICAL DATA(STC)

Model Type	SP210M-72	SP220M-72	SP230M-72
Peak Power(Pmax)	210W	220W	230W
Maximum Power Voltage(Vmp)	39.42	40.5	41.43
Maximum Power Current(Imp)	5.33	5.44	5.56
Open Circuit Voltage(Voc)	46.52	47.33	48
Short Circuit Current(Isc)	5.63	5.74	5.87
Module Efficiency(%)	18.99	19.89	20.8

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

PACKING WAY

20FT	7Packages/484PCS
40HQ	14Packages/1260PCS

