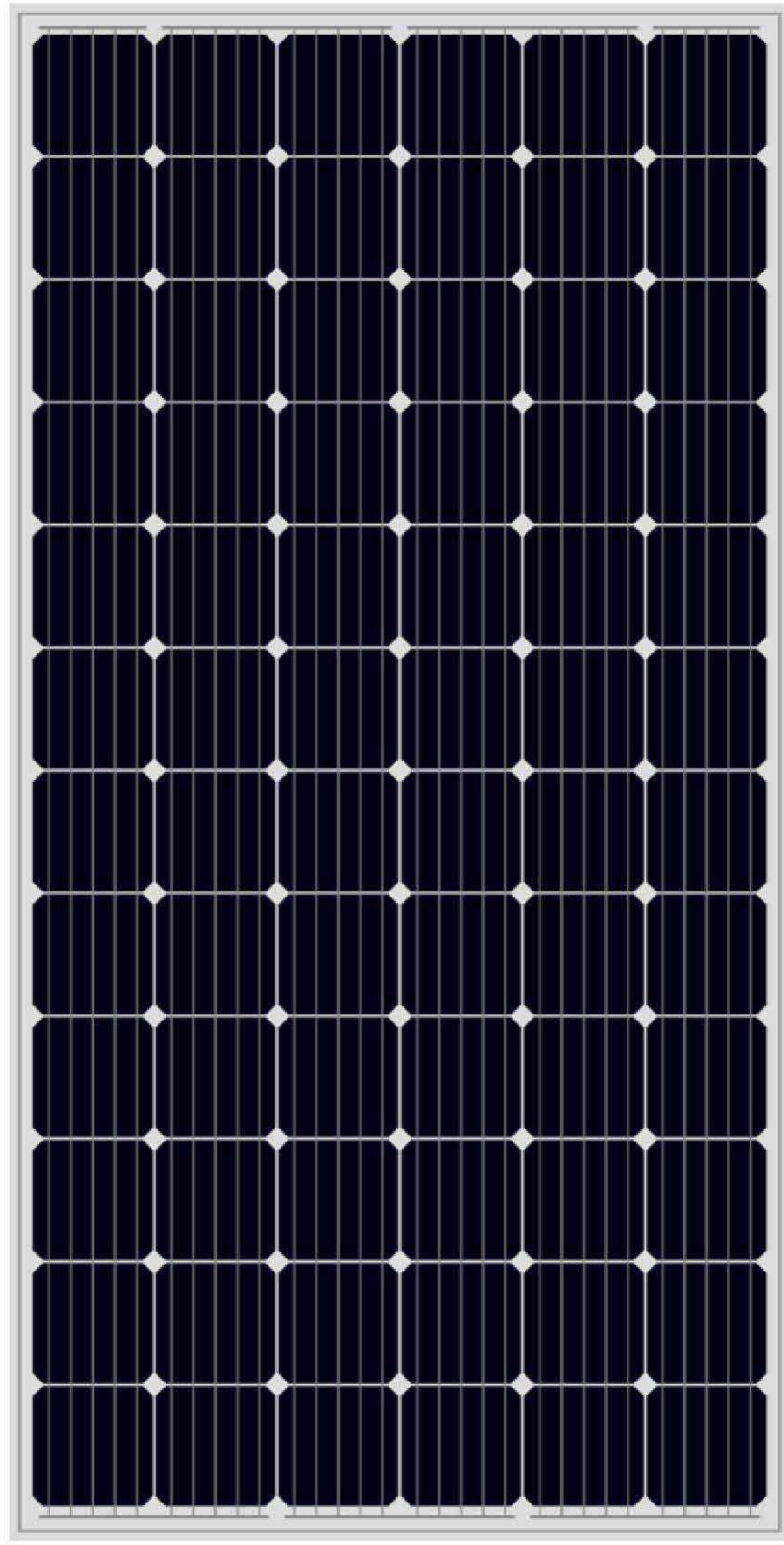


## SW400M-72

Monocrystalline 72 Cells 370W-400W



### Mono Solar Panel Features

- Widely using of the most popular and mature type of modules for solar system
- High power output and highest conversion efficiency of 20.61%
- Anti-reflective and anti-soiling surface reduces power loss from dirt and dust
- Outstanding Performance in low-light irradiance environments
- Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and Snow loads (5400Pa)
- Positive power tolerance: 0~+5W

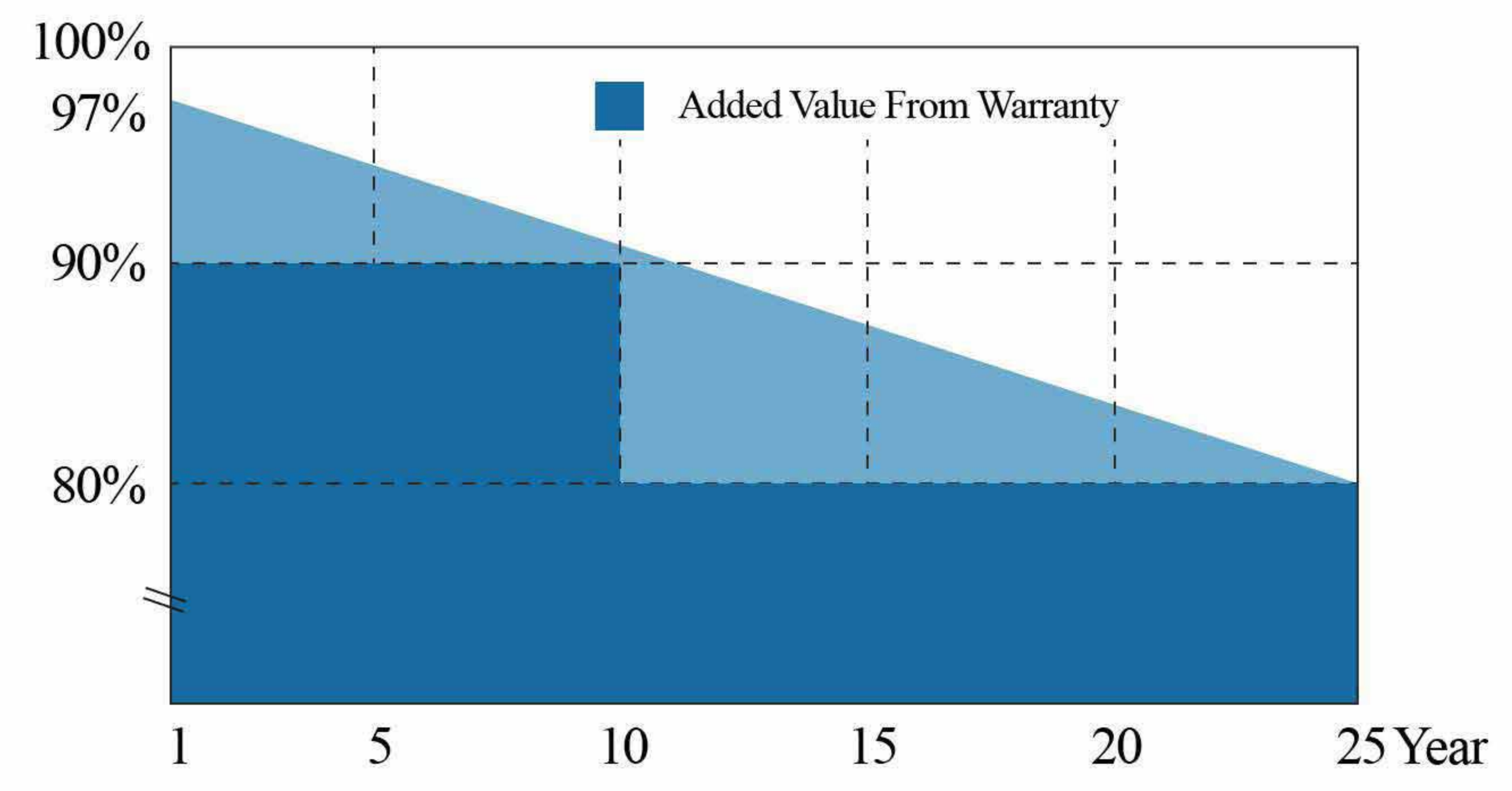


### Reliable Quality

- Positive power tolerance: 0~+5W
- 100% EL Double-inspection ensures modules are defects free
- Modules Binned by Current to improve system performance
- Potential induced Degradation (PID) Resistant

### Warranty

- 12 years for product defects in materials & workmanship
- 10 years for 90% of warranted minimum power output
- 25 years for 80% of warranted minimum power output
- 25 years liner warranty



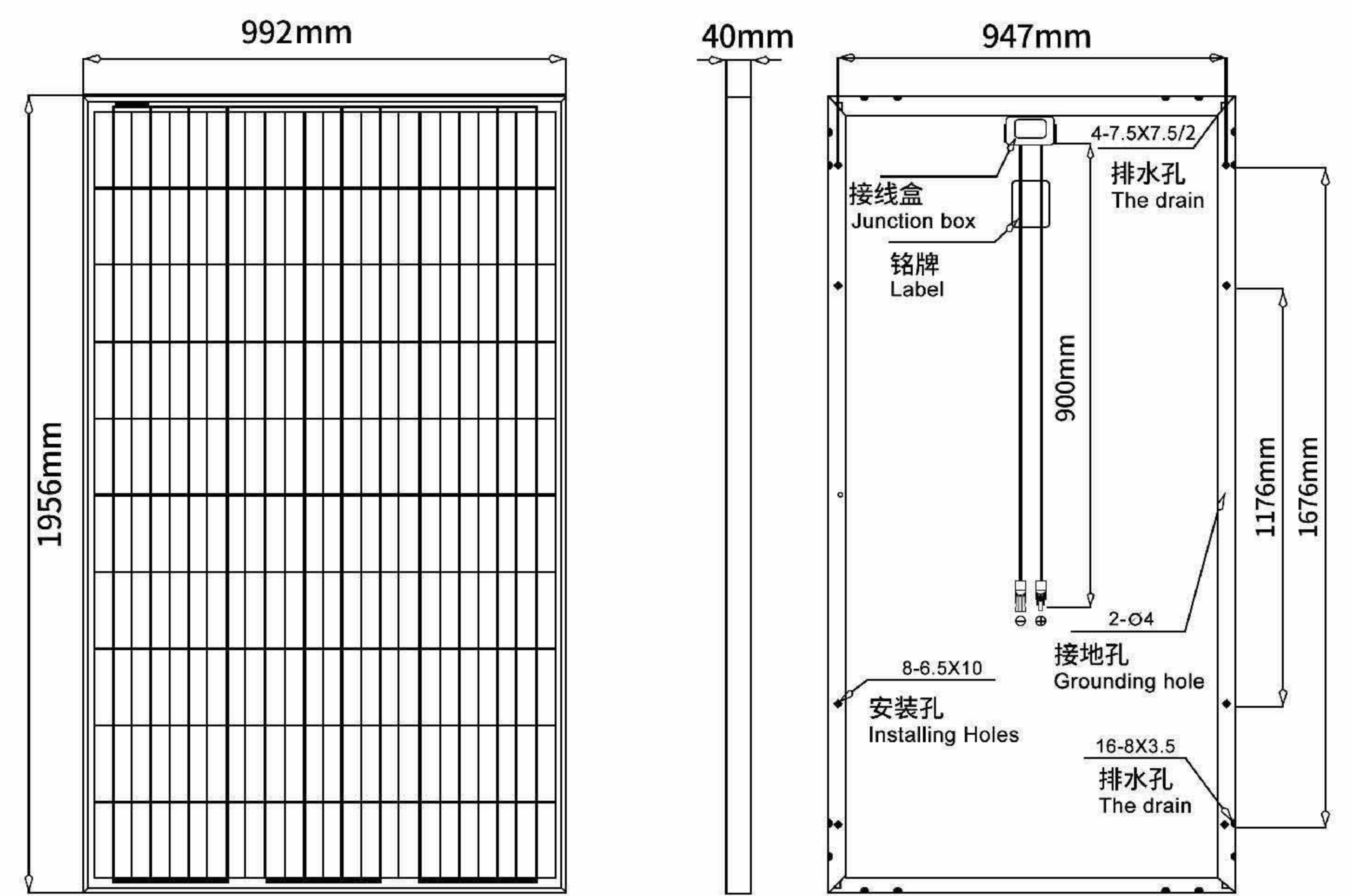
### Mechanical parameters

Cell(mm)	156.75*156.75
Weight(kg)	22.5(Approx)
Glass Thickness	4/3.2mm
Dimensions (L*W*H)(mm)	1956*992*40mm
Cable Cross Section Size (mm <sup>2</sup> )	4
Cable Cross Section Length (mm)	1200
No. of Cells and Connections	72(6*12)
Junction Box	IP67
Connector	MC4 Compatiple

### Working Conditions

Maximum Voltage	DC 1500V (IEC)
Operating Temperature	-40 C~+85 C
Maximum Series Fuse	20A
Maximum Static Load,Front (e.g.,snow and wind)	5400Pa (112 lb/ft <sup>2</sup> )
Maximum Static Load,Back (e.g.,wind)	2400Pa (50 lb/ft <sup>2</sup> )
NOCT	43±2 C
Positive power tolerance	0~+5W
Application Class	Class A

### Engineering Drawings



### Electrical Parameters

Module	SW370M-72 ~ SW400M-72			
Encapsulation	Class/Eva/Cell/Eva/Backsheet			
Maximum Power Pmax (W)	370	380	390	400
Maximum Power Voltage (Vmp/V)	39.51	39.95	40.39	40.78
Maximum Power Current (Imp/A)	9.37	9.52	9.67	9.82
Open Circuit Voltage (Voc/V)	48.23	48.67	49.11	49.55
Short Circuit Current (Isc/A)	10.03	10.22	10.41	10.59
Cell Efficiency(%)	20.92	21.48	22.05	22.61
Module Efficiency (%)	19.07	19.58	20.10	20.61
Power Tolerance (W)	0 ~ +5W			
Temperature Coefficient of Isc (αIsc)	+0.059%/C			
Temperature Coefficient of Voc (βVoc)	-0.330%/C			
Temperature Coefficient of Pmax (γPmp)	-0.410%/C			
STC	Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25 C, Air Mass 1.5			

### I-V Curve

