

# SZ-100-72M

## Warranty

- ♦ 5 years Manufacturer Warranty
- ♦ Warranty on Electrical Performance : 10 years 90%  
+ 25 years 80% of power output

## Manufacturing

- ♦ Original cell sorting system ensures the best electric cell match
- ♦ EL-Testing before packing
- ♦ Comprehensive module power testing, 100% positive output tolerance guaranteed

## Performance

- ♦ High module conversion efficiency
- ♦ High-quality cells and partial-cell design lower series resistance and reduce power degradation
- ♦ Optimized performance under low light conditions. The integrated bypass-diodes allow the panel to work when partially shaded
- ♦ IP67 rated junction box, reliable cables and standard MC4 connectors improves the stability

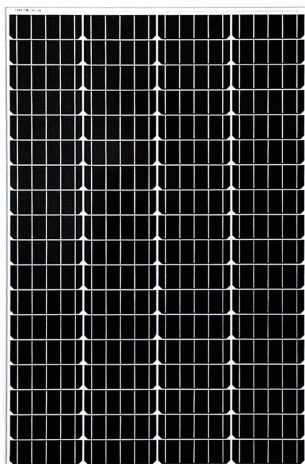
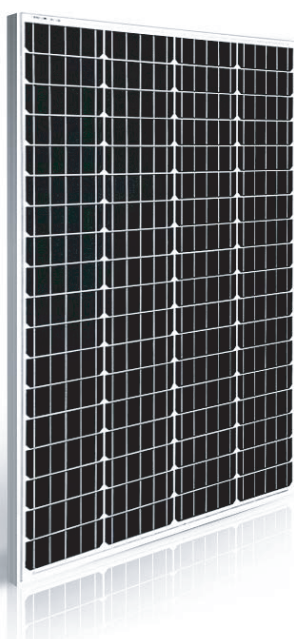
## Mechanical Data

Standard Test Conditions AM=1.5, E=1000W/m<sup>2</sup>, TC=25°C

|                              |                                                  |
|------------------------------|--------------------------------------------------|
| Nominal Power                | 100W                                             |
| Cell Type/Efficiency         | Monocrystalline / 17.66%                         |
| Cell Arrangement             | 72 (4*18)                                        |
| Maximum Power Current (Impp) | 5.41A                                            |
| Maximum Power Voltage (Vmpp) | 18.50V                                           |
| Open-circuit Voltage (Voc)   | 22.50V                                           |
| Short-circuit Current (Isc)  | 5.92A                                            |
| Maximum System Voltage       | 1000V                                            |
| Output Tolerance             | +3%                                              |
| Cable                        | 750mm / 2.5mm <sup>2</sup>                       |
| Connector Type               | MC4 / MC4 Compatible                             |
| Module Structure             | Aluminum Frame / Glass / EVA / Backsheet (White) |
| Junction box rating          | ≥ IP67                                           |
| Number of Diodes             | One                                              |
| Working Temperature          | -40°C ~ +85°C                                    |

## Packaging

|                         |                 |
|-------------------------|-----------------|
| Module Dimensions       | 1020*670*30mm   |
| Module Weight           | 8.57kg          |
| Package                 | Single Package  |
| Pieces per Pallet       | 35              |
| Gross Weight per Pallet | 320kg           |
| Pallet Dimensions       | 1540*1100*820mm |



**SOLMAX NEW ENERGY B.V.**  
 Address: Zonnebaan 23, 3542 EB Utrecht, the Netherlands.  
 Tel: +31-307 855 708  
 E-mail: info@solarfam.nl

