



**SOLARA**  
Your Sunny Future

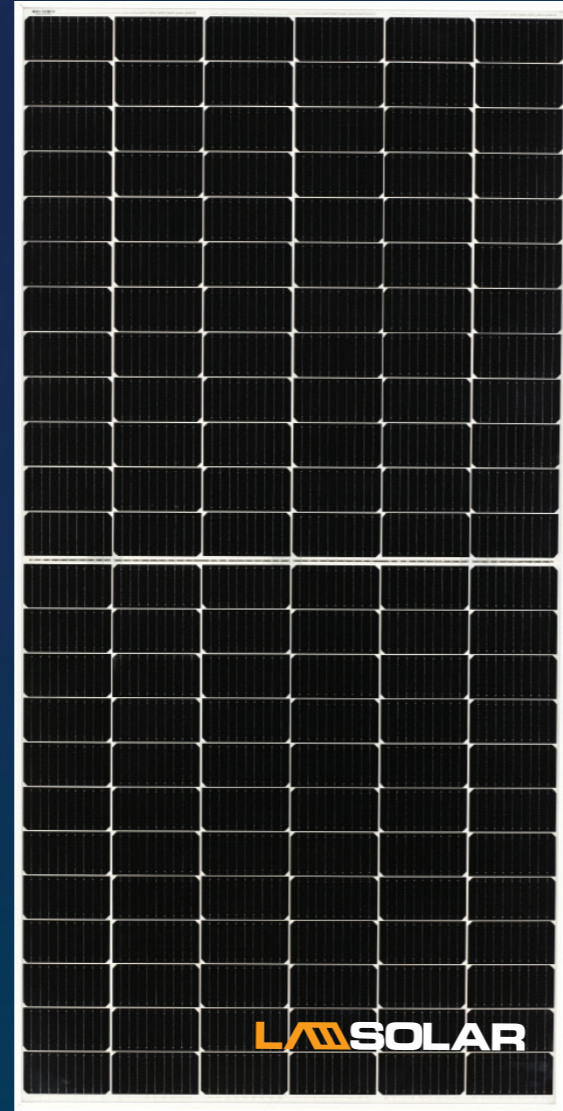
# MONO MODULE LS390ST

**72 CELL**  
MONOCRYSTALLINE MODULE

**390 W**  
POWER OUTPUT RANGE

**19.72%**  
MAXIMUM EFFICIENCY

**0 to +3%**  
POSITIVE POWER TOLERANCE



## Main Characteristics



High conversion efficiency



Outstanding low irradiation performance



Less shading effect



Excellent loading capability

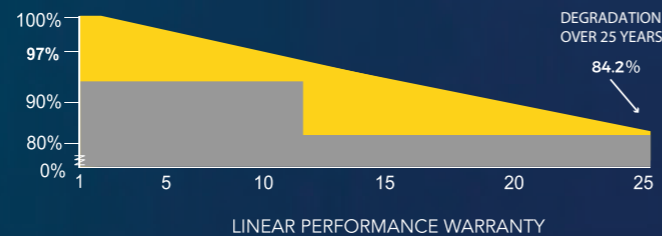


Higher ROI



Strong physical Property

## 25 YEAR WARRANTY



### QUALIFICATIONS AND CERTIFICATES

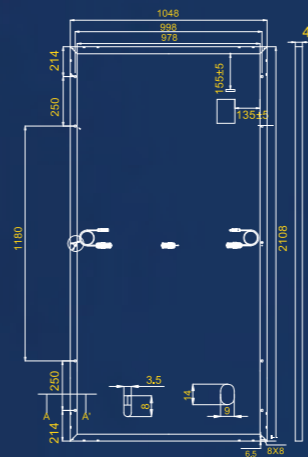


## Electrical Characteristics

| Component Model                 | LS390ST  |
|---------------------------------|----------|
| Maximum Power (PMP)             | 390      |
| Open Circuit Voltage (VOC)      | 49.00    |
| Short Circuit Current (ISC)     | 10.16    |
| Maximum Power Voltage (VMP)     | 40.30    |
| Maximum Power Current (IMP)     | 9.68     |
| Component Efficiency ( $\eta$ ) | 19.72%   |
| Power Tolerance                 | (0, +3%) |
| Maximum System Voltage          | 1500V DC |
| Maximum Rated Fuse Current      | 20 A     |

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25 °C AM=1.5

### PHISICAL CHARACTERISTICS

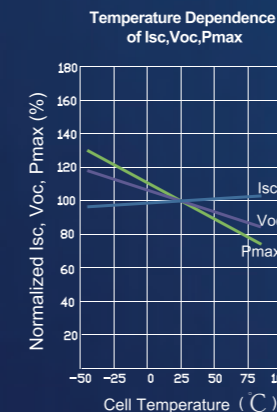
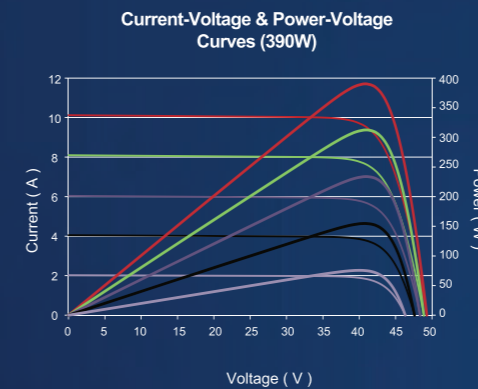


## Temperature Characteristics

|                                |             |
|--------------------------------|-------------|
| Temp. Coeff. of Isc (TK Isc)   | 0.04% / °C  |
| Temp. Coeff. of Voc (TK Voc)   | -0.28% / °C |
| Temp. Coeff. of Pmax (TK Pmax) | -0.37% / °C |

## Structural Characteristics

|                                                          |                              |
|----------------------------------------------------------|------------------------------|
| Cell Type                                                | 158.75 x 158.75 mm MONO PERC |
| Weight                                                   | 22.0kg                       |
| Number of Cells                                          | 72 (6x12)                    |
| Dimension                                                | 1980x1002x35mm               |
| Max Load                                                 | 5400 Pascals                 |
| Junction Box                                             | IP68                         |
| Connector                                                | MC4                          |
| Wire type                                                | compatible PV wire           |
| Fire Performance                                         | Type 1                       |
| Protection Class: Class II (Classified as per IEC 61140) |                              |



## Packing Method

|                      |       |
|----------------------|-------|
| Container            | 40'HQ |
| Pieces per Pallet    | 30    |
| Pieces per Container | 600   |