

# Starlux Series

275W



Scan for more info

Starlux Series zero-carbon sunroom is based on a people-oriented and proactive building concept. By enhancing the building's proactive sensing and regulating capabilities, the building can generate energy proactively. Through the integration of building-integrated photovoltaic technology with the roof of the sunroom, the energy generation module is deeply integrated, achieving a balance between health and comfort, energy conservation and environmental.

**Class A**

Fire Test Rating

**10-18%**

Frosted Translucency

**6+6mm**

Ultra-clear Tempered Glass



Patented Technique  
Balanced Daylighting



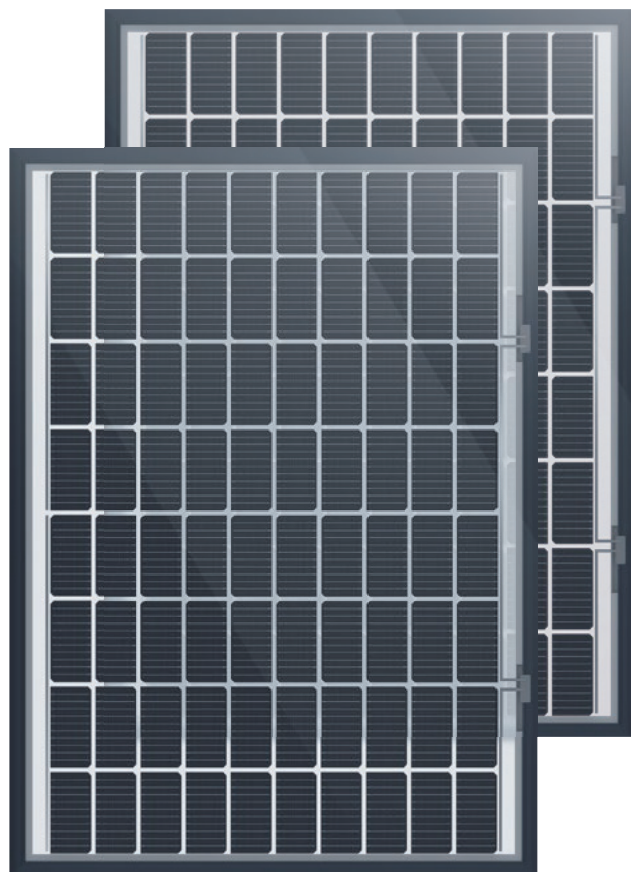
Modular Installation  
Re-deployable



Structured  
Drainage Design



Customisable and  
Diversified Space



**Working Parameter**

|                  |         |
|------------------|---------|
| Mechanical Load  | ≥5400Pa |
| Bi-Facial Factor | 70±5%   |
| Fire Rating      | Class A |
| Production Class | II      |
| Transparency     | 10-18%  |

**Electrical Data**

|                             |        |
|-----------------------------|--------|
| Max Power (Pmax)            | 275W   |
| Voltage at Max Power (Vmpp) | 23.48V |
| Current at Max Power (Impp) | 11.80A |
| Open Circuit Voltage (Voc)  | 27.52V |
| Short Circuit Current (Isc) | 13.56A |
| Power/m <sup>2</sup>        | 142W   |

**Temperature Coefficient**

|      |           |
|------|-----------|
| Isc  | 0.048%/°C |
| Voc  | -0.28%/°C |
| Pmpp | -0.35%/°C |

**Structural Data**

**275W**

|                  |                  |
|------------------|------------------|
| Size (L x W x H) | 1635*1185*52.8mm |
| Weight           | 67±0.5Kg         |
| Cell Type        | Mono-Si PERC     |

**Carbon Neutral Index ( 30 years )**

|                             |      |
|-----------------------------|------|
| Energy Output               | 8120 |
| Equivalent to Standard Coal | 2477 |
| Carbon Emission Reduction   | 4718 |



Ventilated and Well-lit Sunroom



Open-plan Sunroom



Corridors