

Starlux Series

275W

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



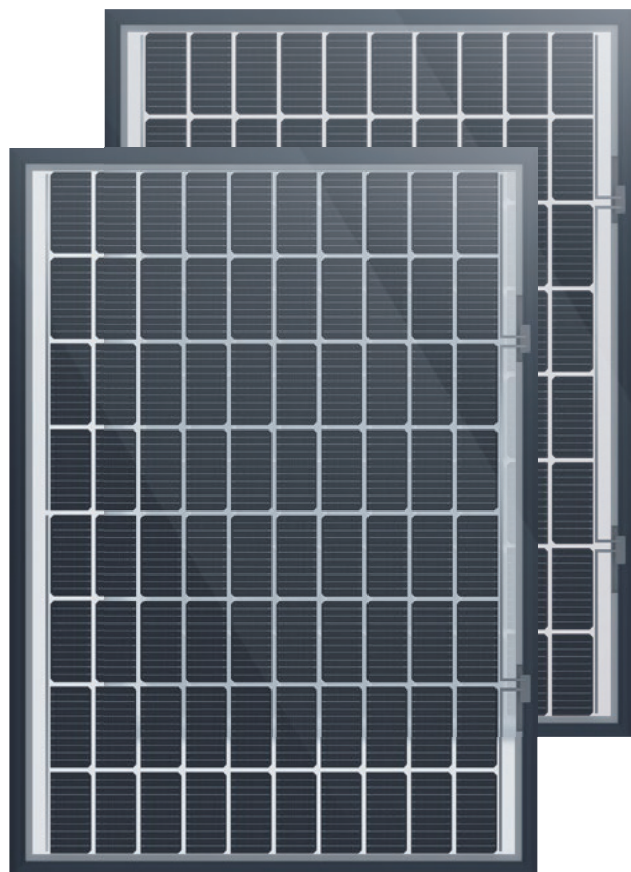
Modular Installation
Re-deployable



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 ²	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