



SUNRAY- TOP-HUNG SKYLIGHT

Let Nature Light Into Your Life.

Complies with Australian standards

FOSHAN SUNRAY WINDOWS
LIMITED COMPANY



Website



WhatsApp

✉ :hayden@sunraybuilding.com 📍 :sunraybuilding.com

FOSHAN SUNRAY WINDOWS
LIMITED COMPANY

Company Profile



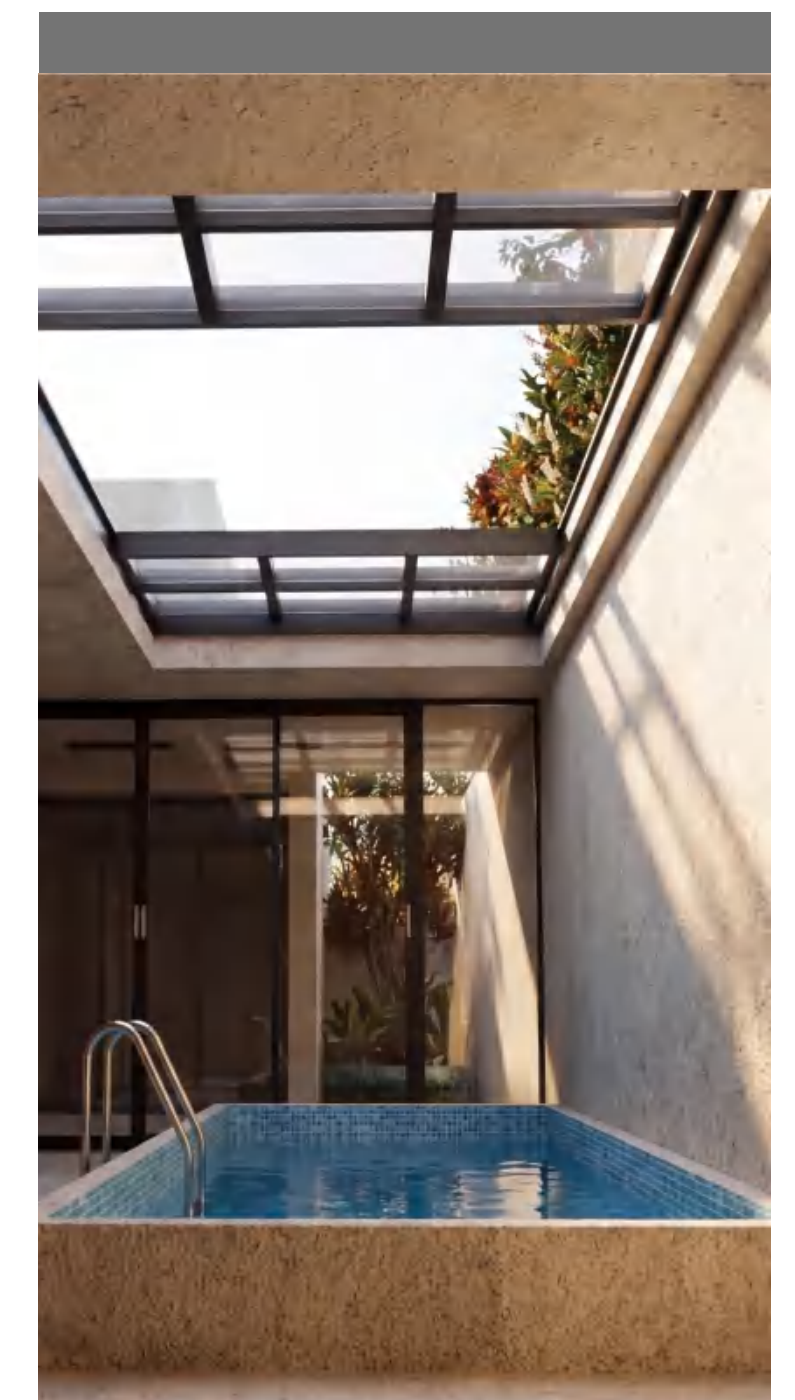
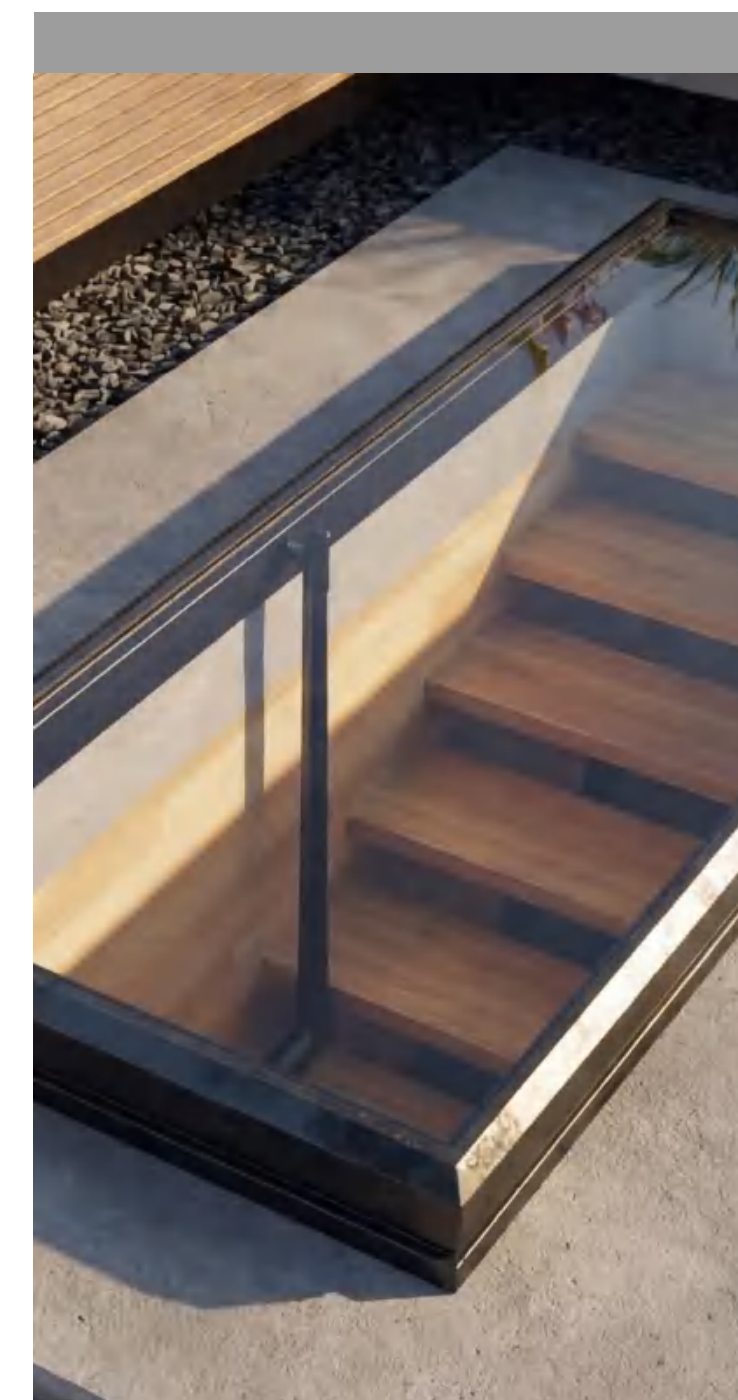
100,000 M²/year
Production Capacity

15 year
Technical Expertise

40000 M²
Production Capacity

2000+
Successful Projects

SUNRAY is one of the biggest prefabricated buildings manufacturers with 5 factories and 10 workshops and 15 years of experience. who a partner of IHG and designated supplier of the world top 500 company. Located in Foshan, China, it was established in 2011. The main products are mobile sunroom, cultural tourism products, sports mobile canopy, curtain wall and door & window, and so on. Welcome to be our partners.



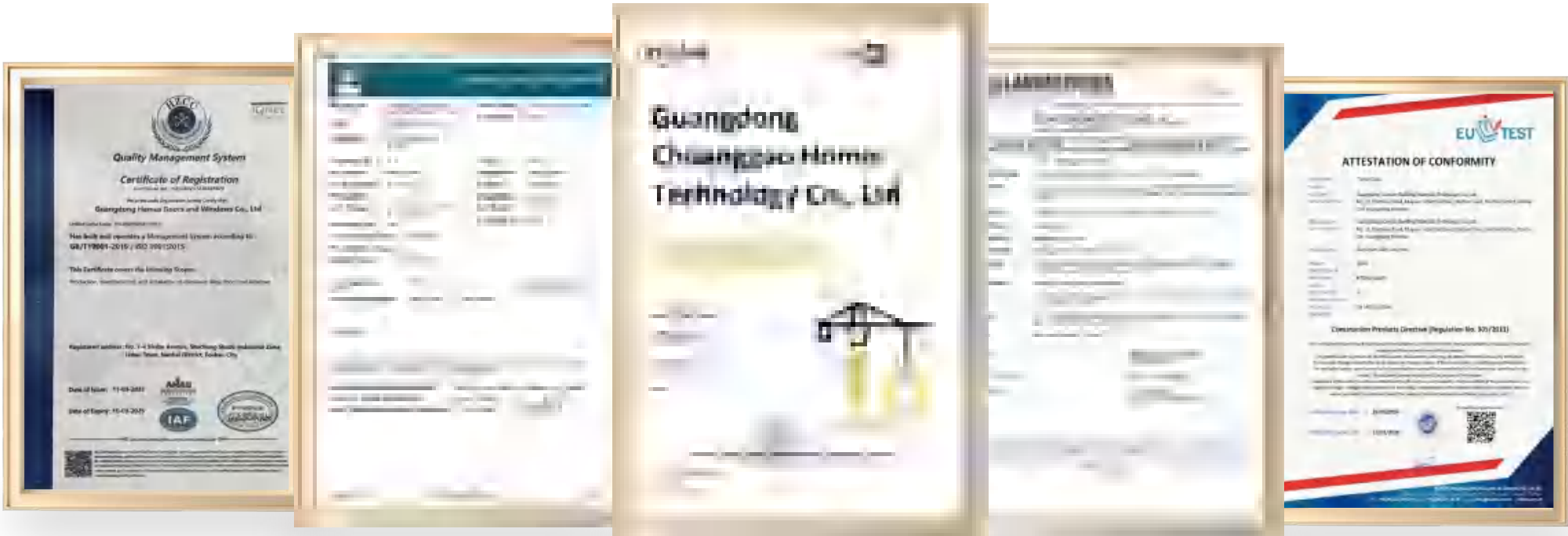


One-Stop Solutions For Outdoor Buildings

A factory with 15 years of experience in prefabricated buildings production and sales.



Certification obtained



CONTENTS

SELECTION OF INNOVATIVE AND INTELLIGENT SKYLIGHT

09

TOP-HUNG SKYLIGHT

11

SPRODUCT INFORMATION

13

ACCESSORIES

21

CASES & SERVICES



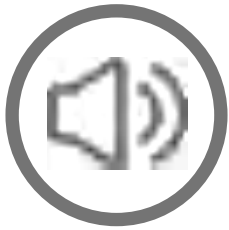
Multifunction transmitter



Smart home system connectivity



Mobile remote control



Voice control



Laser Infrared Anti-pinch



Rain sensor



Wind and rain sensor



Smoke sensor



Gas detection



Adjustable light system



Real-time status feedback system



Child lock



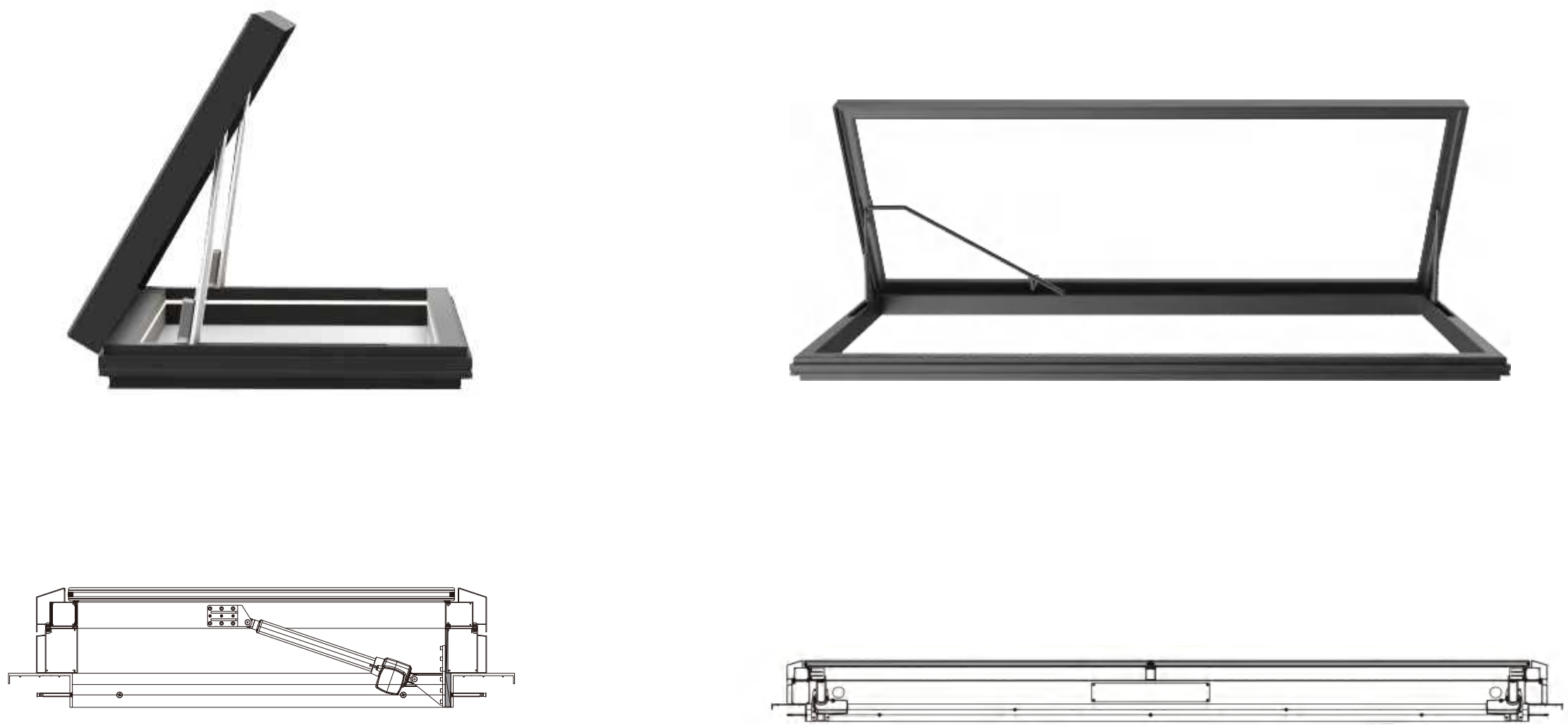
Uninterruptible backup power supply



Electrical window screen



Electrical sunshade



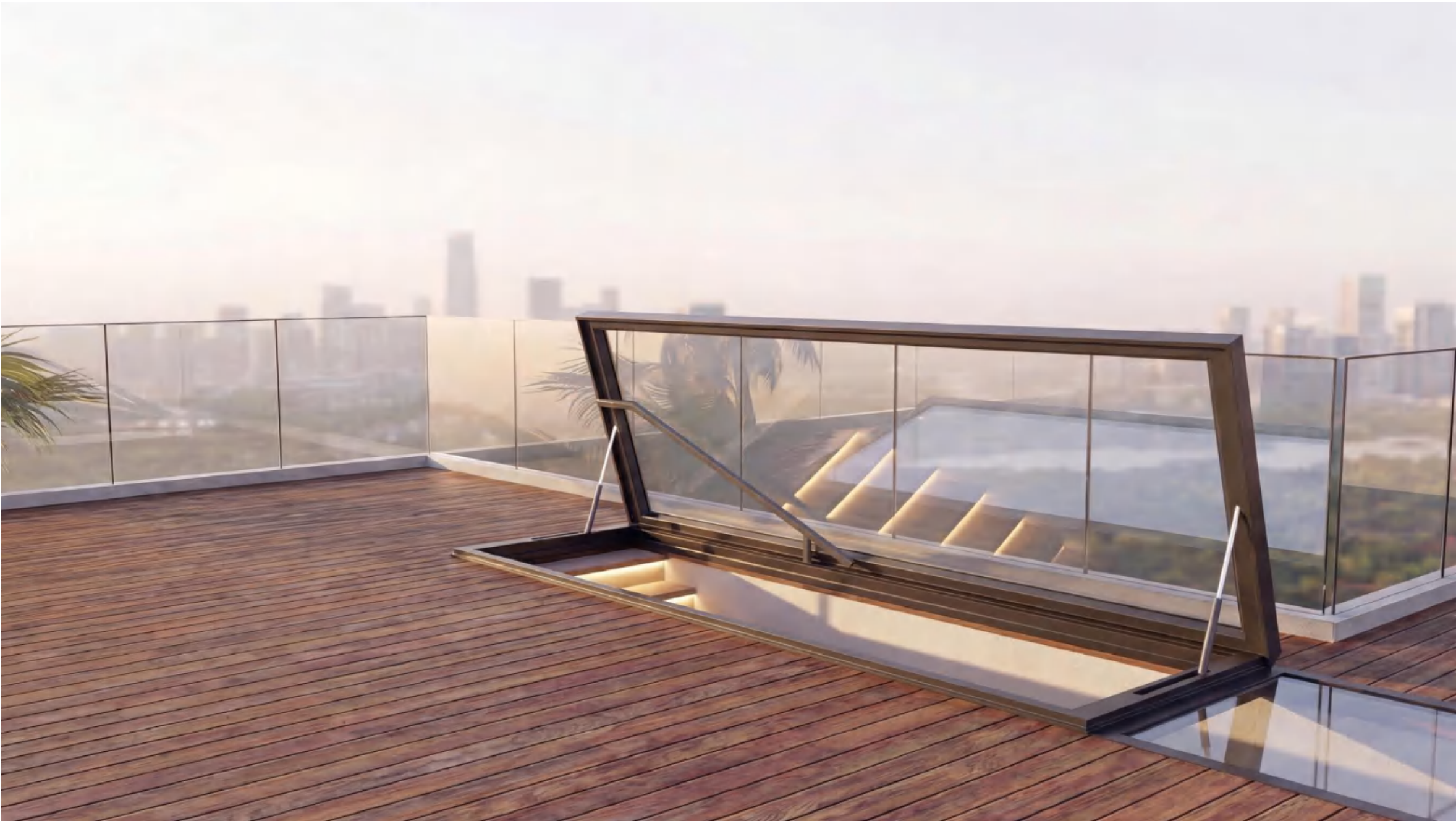
FEATURES

- Maximum opening angle is 82°
- All devices are hidden, high-end atmosphere is more beautiful.
- Independently developed and designed special waterproof profile for skylight, waterproof performance is superior.
- Skylight profiles have been studied to ensure load-bearing, wind resistance, snow resistance and fire resistance.



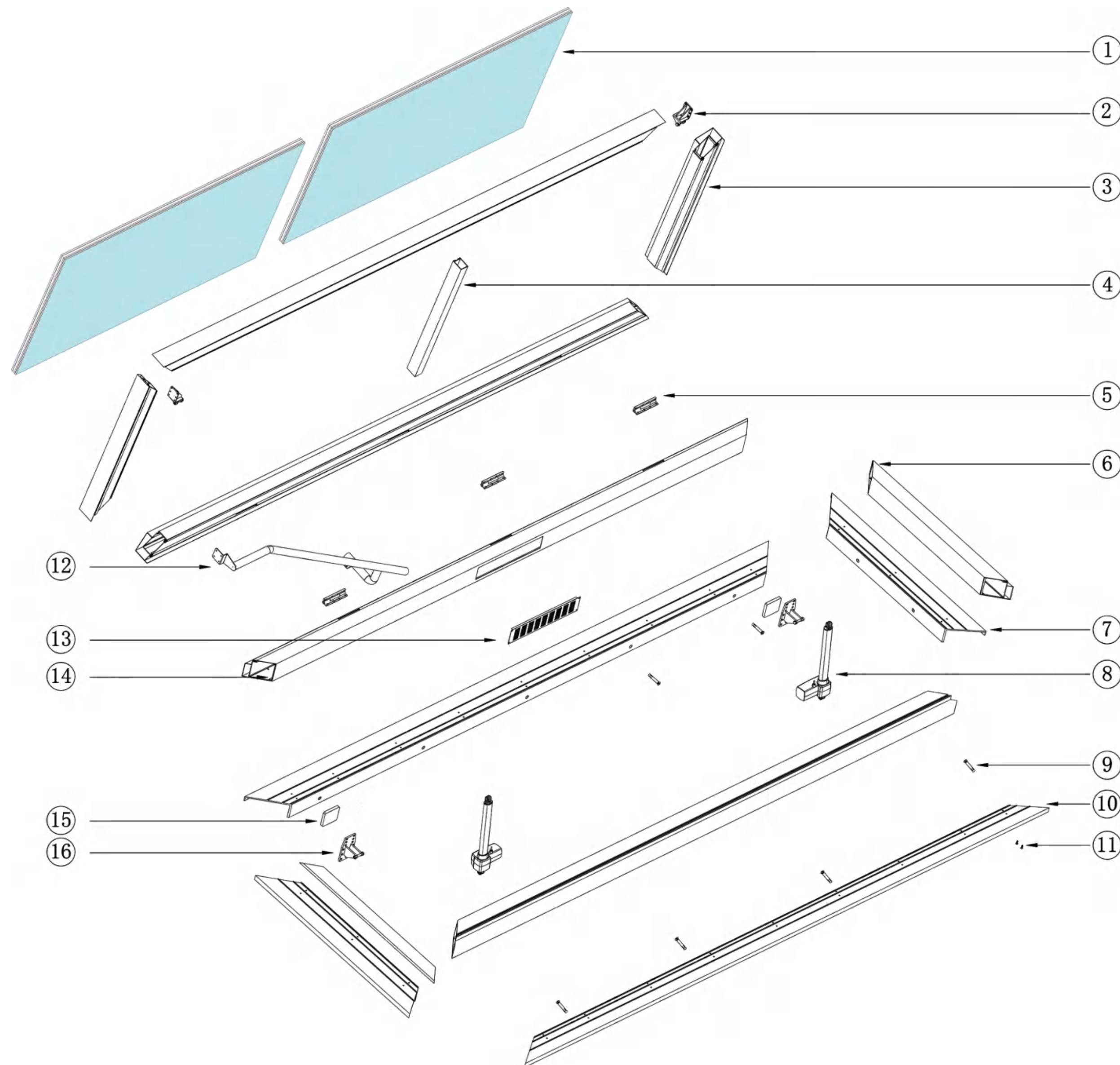
OPENING METHOD	Electric upward and outward opening	
PROCESSING TECHNOLOGY	● Electrostatic powder treatment coating of the whole window	● Seamless welding
PRODUCT CONFIGURATION	● SUNRAY silent safety motor	● Mute waterproof switch
	● Patented Control System	● Automotive grade sealing tape
	● Mobile phone remote control	○ Hollow Honeycomb Blinds
	● Rain Induction	
ALUMINUM PROFILE	● 6063-T5 ALUMINUM PROFILE	
GLASS CONFIGURATION	● Insulated Glass	○ Laminated Glass
	○ Central Control Laminated Glass	

● Means standard ○ Means optional



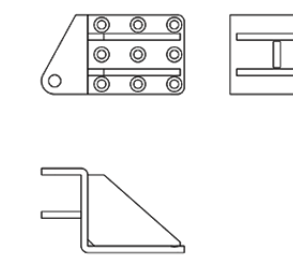
ROOF, LIGHT WELL,
BASEMENT, STAIRWAY,
AND SUNROOM.



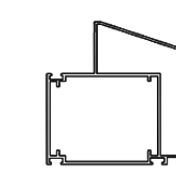


① Glass: Hollow laminated, Laminated Honeycomb curtains can be built-in and the total thickness can reach 40mm

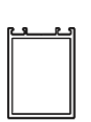
② Moving frame motor fixed block



③ Moving frame



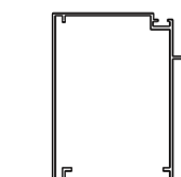
④ Secondary girder



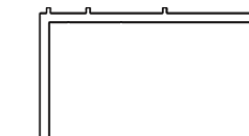
⑤ Heavy-duty hinges



⑥ Frame



⑦ U-groove 1



⑧ Push rod motors



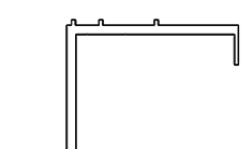
⑨ M10 flat head hexagon expansion screws



⑩ flat head hexagon screws



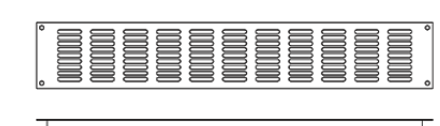
⑪ U-groove 2



⑫ Armrest



⑬ Aluminum alloy breathable mesh



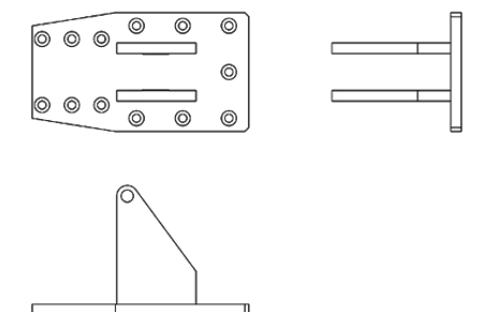
⑭ 5.0mm steel plate



⑮ Backing plate



⑯ Frame motor fixed block



Product Exploded View

Remove the core of each door and window, integrate safety, energy saving and intelligence, and reshape the comfortable space.

Large angle more ventilation

It can be opened up to 82°. The large-angle design brings stronger ventilation effect, allowing indoor air to circulate more smoothly, improving living comfort and natural lighting, and enjoying freshness every moment.



Patent Electric Motor

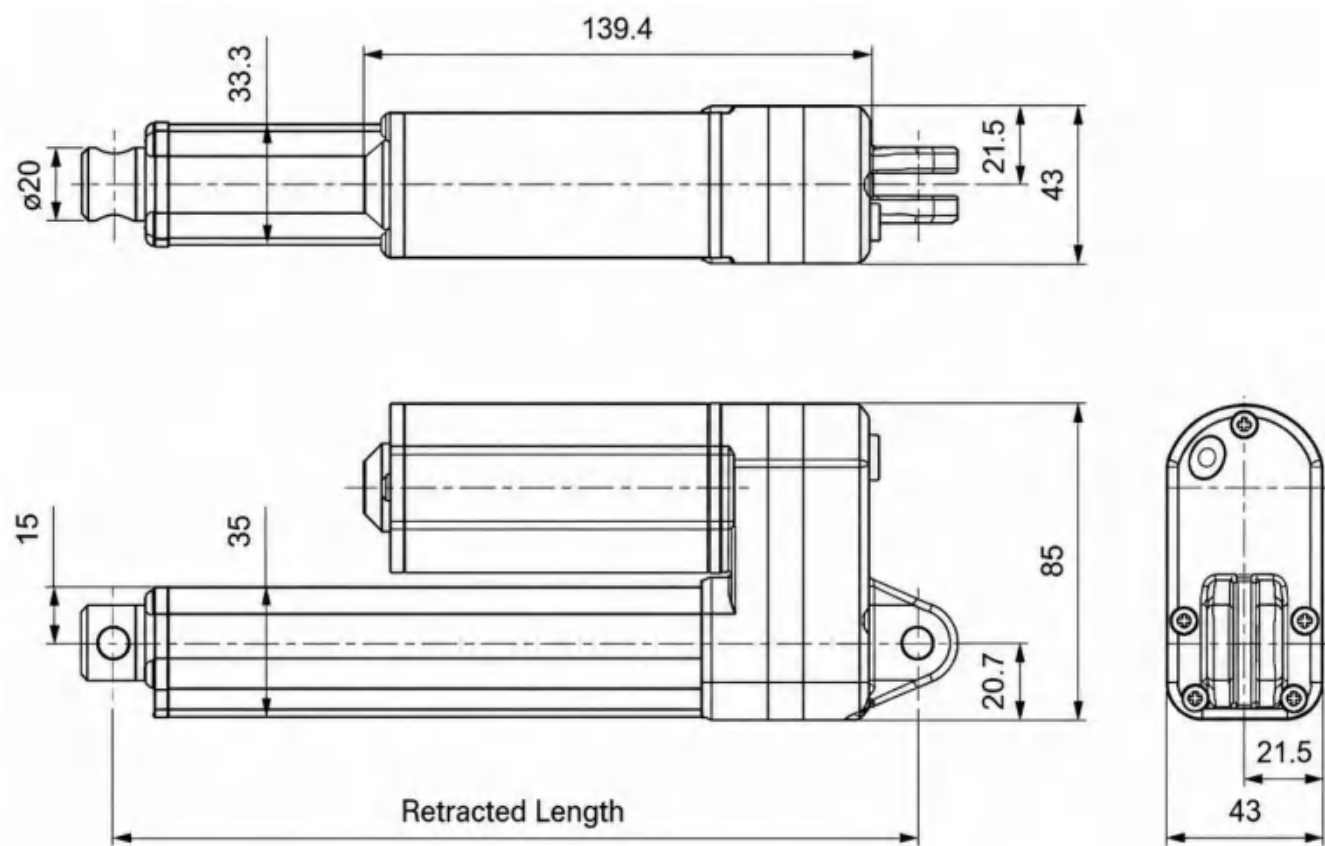
Maximum load	10.000N (thrust); 6.000N (tension)
Maximum speed	5.4mm/s at full load
The maximum speed	13.9mm/s when unloaded
Installation size	≥ stroke+170mm
Waterproof rating	IP66W
Safety certification	IEC60601-1.ES60601-1.IEC60601-1-2
Travel	25-600mm
Voltage	12124136V DC: 24V DC (PTC)

TiMOTION

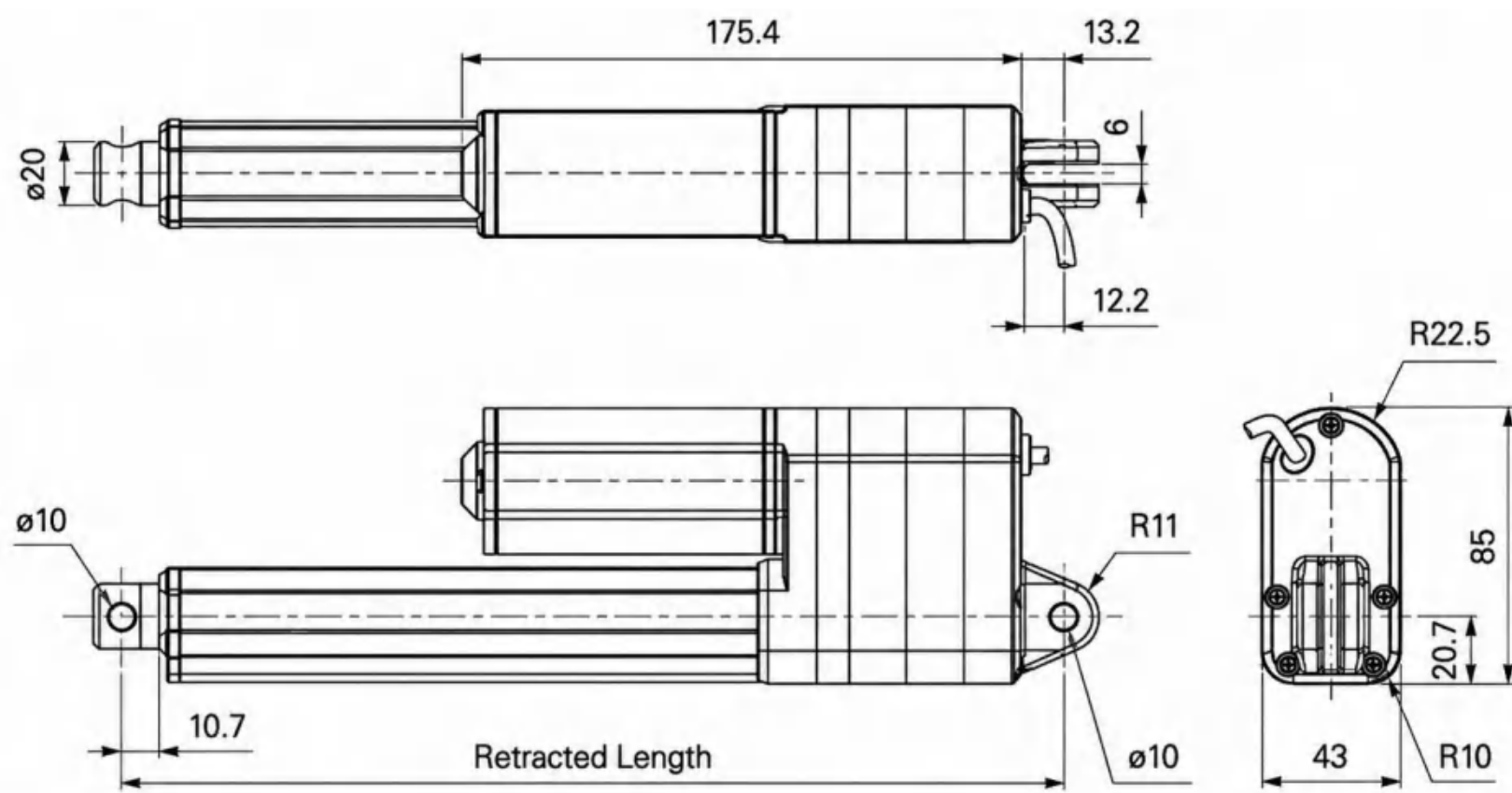
TA16 series

TA16 delivers low noise and compact footprint. Ideal for furniture and work environments, it meets safety standards of IEC60601-1, ES60601-1, IEC60601-1-2, UL962 and EMC.

DIMENSIONS (MM) – NO SIG / W/ HALL



DIMENSIONS W/ POT (mm)



Optional Motor Upgrade



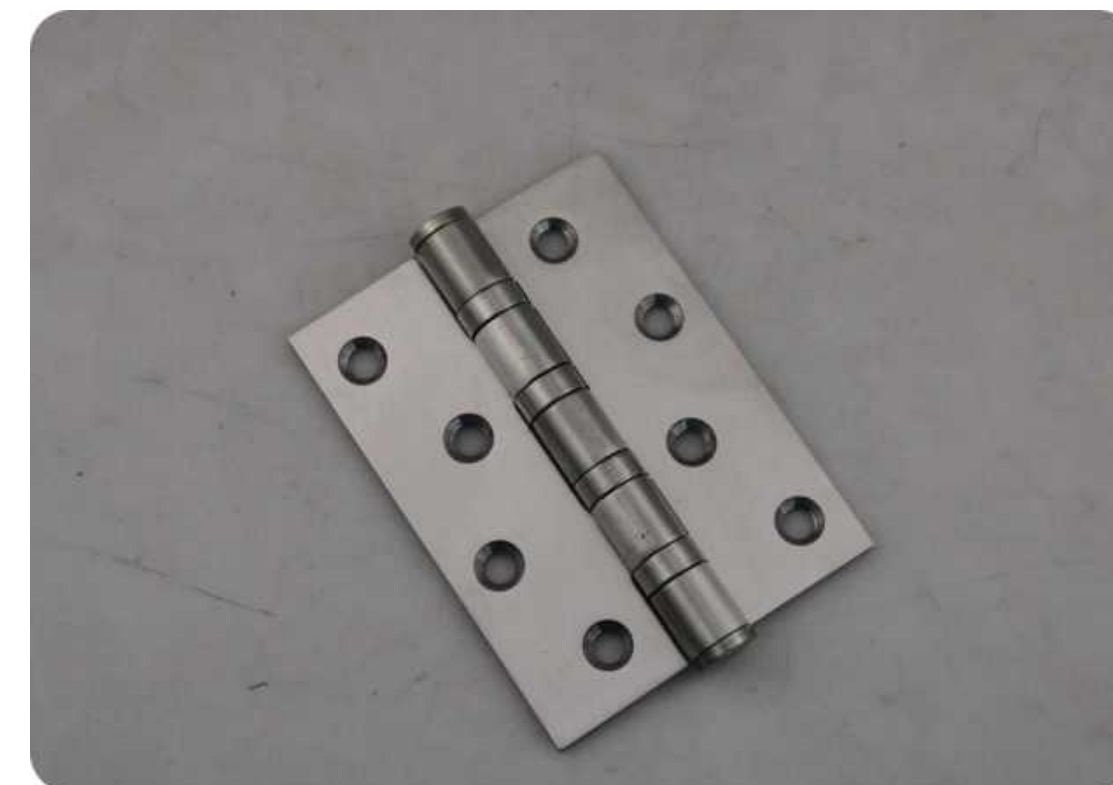
– 8-Year Global Warranty

Medical-Grade Motor

Max Load	4.500N (thrust); 2.500N (tension)
Max Speed (Full Load)	4.9 mm/s at full load
Max Speed (No Load)	56.5 mm/s when unloaded
Installation Dimension	≥ Stroke + 112 mm
IP Rating	IP66M
Safety Certifications	IEC60601-1, ES60601-1, IEC60601-1-2, UL962, EMC
Stroke Range	20~600 mm
Signal Output	Mechanical Potentiometer, NPN Hall Sensor (5~36V) × 2
Optional Extras	Motor Brake
Voltage	12/24/36/48V DC; 12/24/48V DC (PTC)
Optimal Operating Temperature Range	+5°C ~ +45°C



Independent R&D



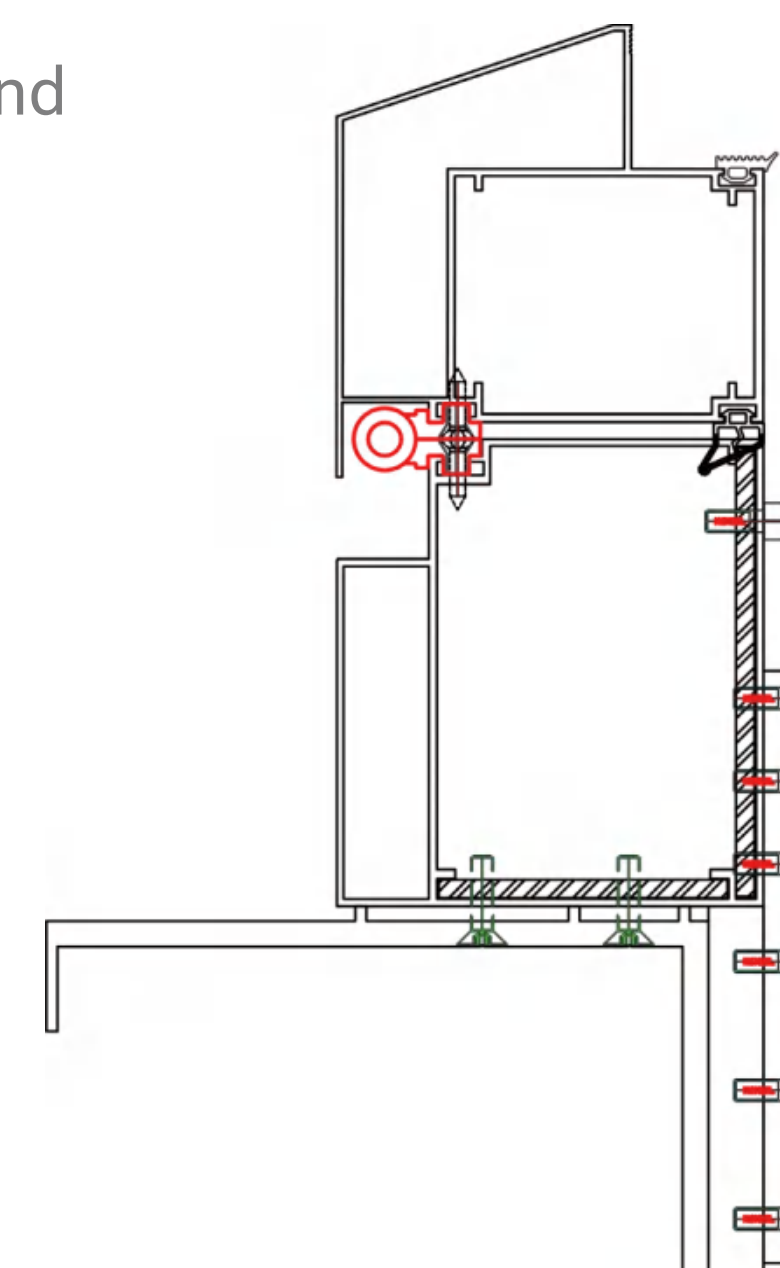
Other 



Our 

U-shaped slot hinge

1. Innovatively developed U-shaped slot hinges enhance the stable connection between the window frame and the hinge.
2. Stable and durable, easy to install.
3. Precisely adjust each window to provide smooth opening and closing and long-lasting and reliable use experience.



Tensile Resistant Composite Rubber Strip

- Self-developed matching sealing strip.
- Resists 2800Pa pressure, strong enough for 12-level typhoons.
- Features superior weather and aging resistance against UV, humidity and extreme temperatures.



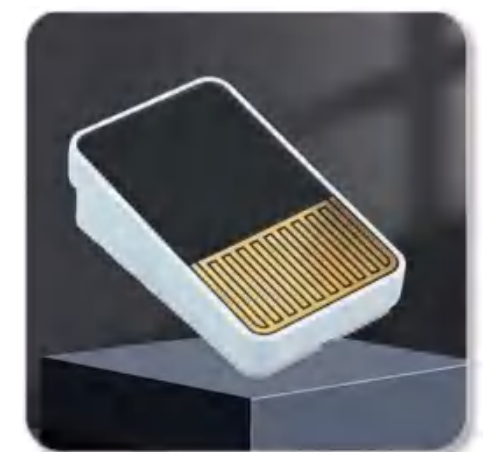
Three layer System waterproof,Closed Protection



Wireless rain sensor



Wind, light and rain sensor



Solar Rain Sensor

Optional rain sensor

The smart rain sensor senses weather changes in real time and automatically closes windows to protect your home from rain, easily and conveniently.



Research Engineering Development Façade Consultants Limited-
Fire and Facade Testing Laboratory
雄略幕牆顧問有限公司-廣州雄略建築材料檢測服務有限公司
• Website: www.red.com.hk • Email: facade@red.com.hk

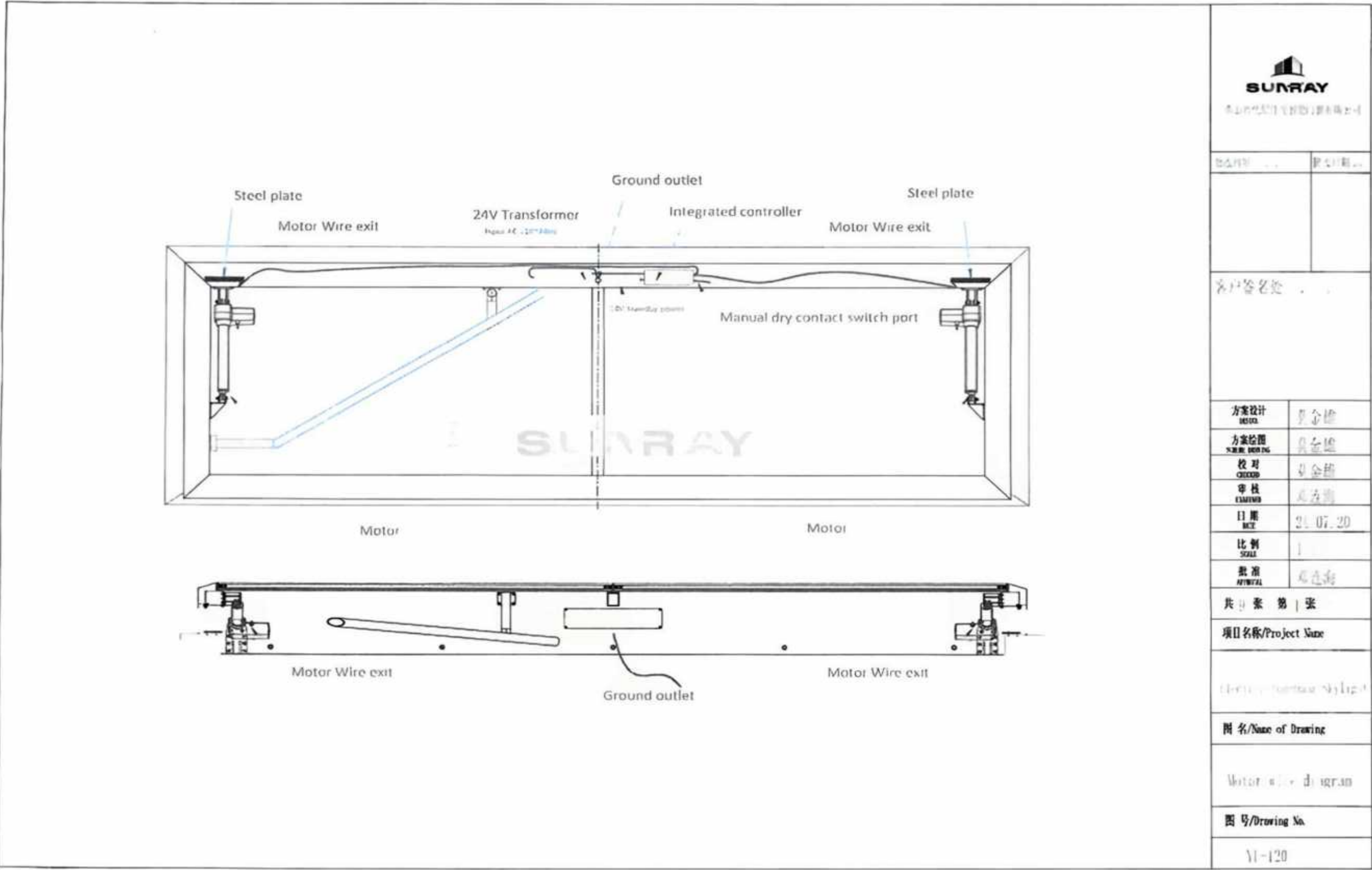
1. Introduction

This report describes the test conducted for the **Sunray Operable Skylight System** designed by **Foshan Sunray Windows Limited Company** for the project of **41 Terry Road, Rouse Hill**. The test has been conducted by using the actual samples and simulated conditions in a test chamber against the following specifications in order to ensure the safety and serviceability of the system.

- 1-1.1 Preliminary Test-Static Pressure Test (AS/NZS 4284:2008 Clause 8.2.2)
- 1-1.2 Preliminary Test-Water Penetration Test - Static (AS/NZS 4284:2008 Clause 8.2.3)
- 1-1.3 Preliminary Test-Water Penetration Test - Cyclic (AS/NZS 4284:2008 Clause 8.2.3)
- 1-2 Structural Test at Serviceability Limit State (AS/NZS 4284:2008 Clause 8.3)
- 1-3 Air Infiltration Test (AS/NZS 4284:2008 Clause 8.4)
- 1-4 Water Penetration Test - Static (AS/NZS 4284:2008 Clause 8.5)
- 1-5 Water Penetration Test - Cyclic (AS/NZS 4284:2008 Clause 8.6)
- 1-6 Structural Test at Ultimate Limit State (AS/NZS 4284:2008 Clause 8.8)



AUSTRALIAN FIRE SMOKE VENTILATION & WATERPROOF TEST







Open the flap

- 1. Aluminum profile thickness: High-quality 6063-T5, 3mm
- 2. Processing method: Seamless welding, hand polishing
- 3. Integrated construction, stable structure



Bottom frame

- 1. Aluminum profile thickness: High-quality 6063-T5, 3mm
- 2. Processing method: Seamless welding, hand polishing
- 3. Integrated construction, stable structure



Steel plate

- 1.Q235 High-strength Steel
- 2. Strengthen the structure of the skylight and increase its load-bearing capacity
- 3. Yield strength value: 235 MPa



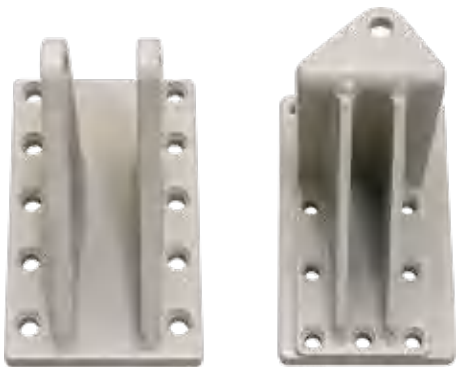
Bottom U-shaped groove

- 1. Facilitates the installation of skylights and enables the design of multi-layer waterproof structures.
- 2. The maximum thickness is 7mm.
- 3. Cast as a single piece.



TiMOTION motor

- 1.TA36-Series：PI66
- 2.Power Rating：DC24v
- 3.Max.Load：Push 8000N
- 4.Max.Current：Max.9.0Amp



Motor base

- 1.Customized galvanized iron base
- 2.Strengthen the stability of the motor



Handrail

- 1. Customized aluminum handrails
- 2. Seamless welding to the skylight for ease of climbing stairs up and down



RAL Akso Powder

CustomizableRAL color



Rain sensor

- 1.Main power supply: Self-charging via solar panels at the bottom of the device
- 2.Built-in: Long-lasting lithium battery, capable of operating continuously for 3 to 6 months in outdoor environments without light
- 3.Flexibility: Adjustable sensitivity can be customized



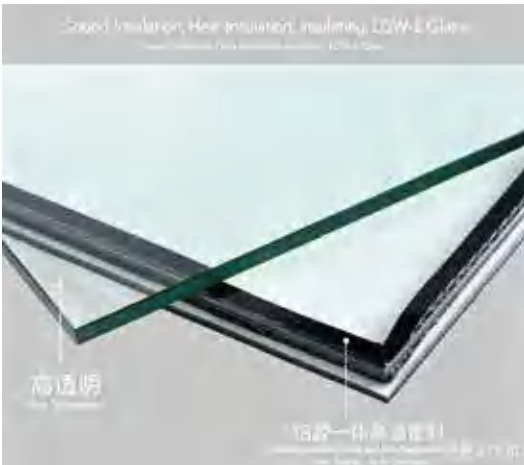
TiMOTION Backup Power Supply TBB9

- 1.Battery type: Power lithium battery pack
- 2.Capacity: 2.5Ah / 63Wh
- 3.Rated output: DC 25.2V, maximum output current 15A
- 4.Safety standard: IEC62133-2 Lithium battery safety certification



Screw

(Stainless steel) hexagonal machine screws, round-head hexagonal screws, plug-in screws, self-locking screws, pull-bolt screws



Customized ventilation panel

Glass can be customized according to your needs.



Glass adhesive Antai-169

300hUVResistanceTest
DurableWeatherproof
Crack-Free,Anti-Aging



Rubber strip

- 1. Yuan Yi Bing EPDM composite sealing strip, adopts a co-extrusion integrated molding structure.
- 2. It has multiple sealing functions including water tightness, air tightness, dust prevention, sound insulation and heat insulation.



TiMOTION remote control

- 1. Radio frequency: 433.92 MHz
- 2. Remote control range: Up to 50 meters, stable signal can be maintained within 30 meters when walls are in the way indoors.
- 3. Pairing function: Single control / Multiple control is available.



Stainless steel hinge

- 1. Solid 304 stainless steel
- 2. Opening angle: 0 - 90°
- 3. Split design for quick disassembly, adjustable in all directions (up, down, left, right), and silent self-lubricating bushing



Rubber ring

- 1. Dense EPDM (Ethylene Propylene Diene Monomer) rubber
- 2. Temperature tolerance range: -40℃ ~ +120℃
- 3. Tensile strength: ≥ 6.5 MPa, elongation at break: ≥ 450%



Customized ventilation panel

- 1. Convenient for heat dissipation and ventilation
- 2. Convenient for maintenance and repair

Selecting Profile Color Swatches



Sandy Black



Ultra Black



Sand-Textured Gray



Chalcedony



Chalcedony



Sand-Patterned Coffee



Sandy Red Coffee



Metal Coffee



Highlighter White



Champagne Gold



Fluorocarbon Powder Coating

Fluorocarbon powder coating is a high-performance surface treatment that delivers long-lasting beauty and superior protection for aluminum structures in any environment.



Champagne Gold



Pure White



Forest Green



Graphite Gray

KEY ADVANTAGES



Superior Durability

Excellent resistance to UV, corrosion, and extreme weather conditions.



Long-Lasting Color

Fluorocarbon technology ensures color stability and resistance to fading.



Easy Maintenance

Smooth surface repels dirt and stains, keeping your structure looking new.



High Performance

15-Year Warranty We stand behind our coating with a 15-year quality guarantee.



Eco-Friendly

Environmentally safe coating with low VOC emissions.



High Performance

Excellent adhesion and mechanical properties for long-term use.

PRICE

+\$28 USD

per square meter



Australia, Villa Balcony



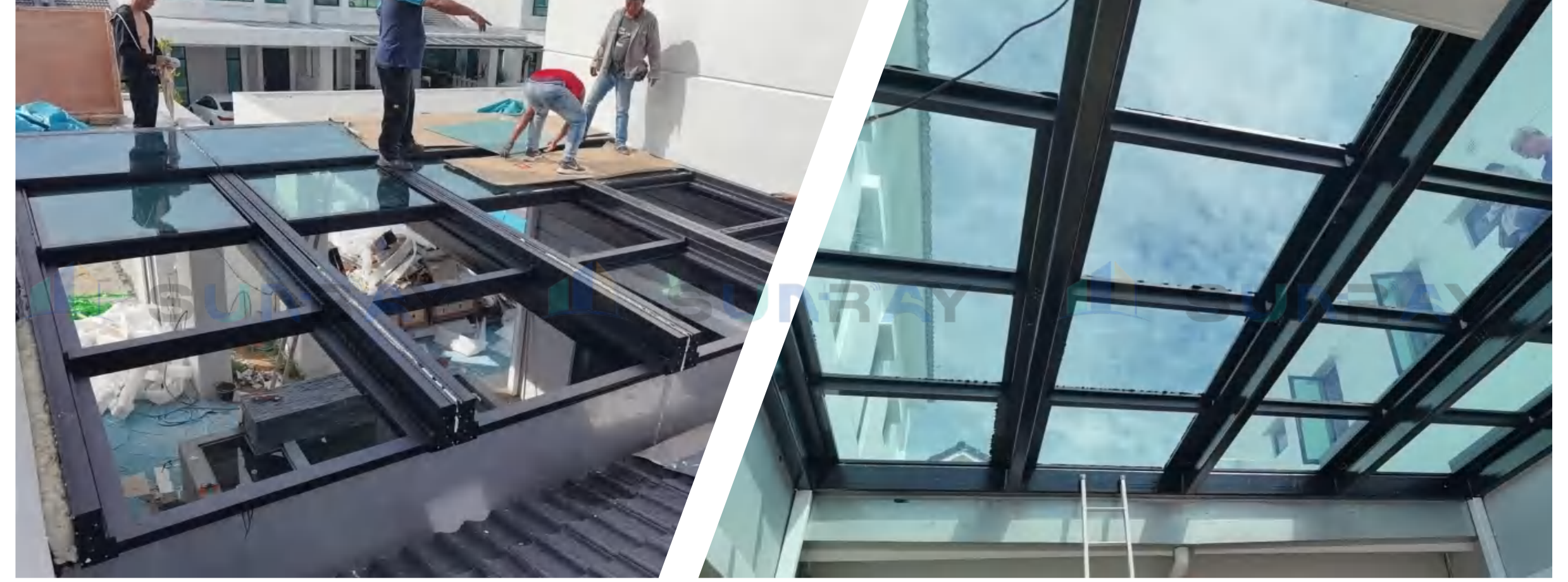
Vietnam, Roof



Australia, Villa Courtyard



Malaysia, Villa Courtyard



America, Roof



Australia, Villa Corridor



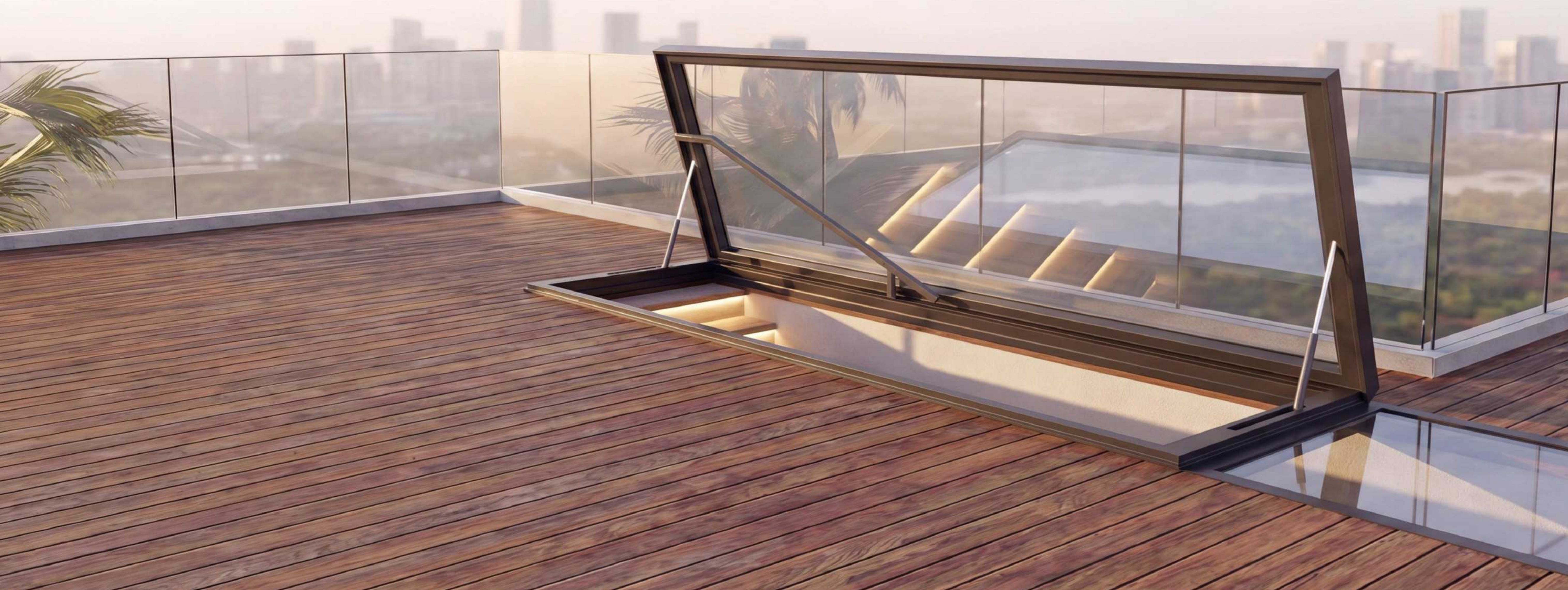
Full-range service

Our service takes care of everything for you, so you can relax every step of the way.



SUNRAY- TOP-HUNG SKYLIGHT

Free to expand, bathe in warm sunshine.



Website



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