



# PRODUCT SPECS BROCHURE

Eco-Luxury Outdoor Living. Any Weather. Any Season.

**Ombra**



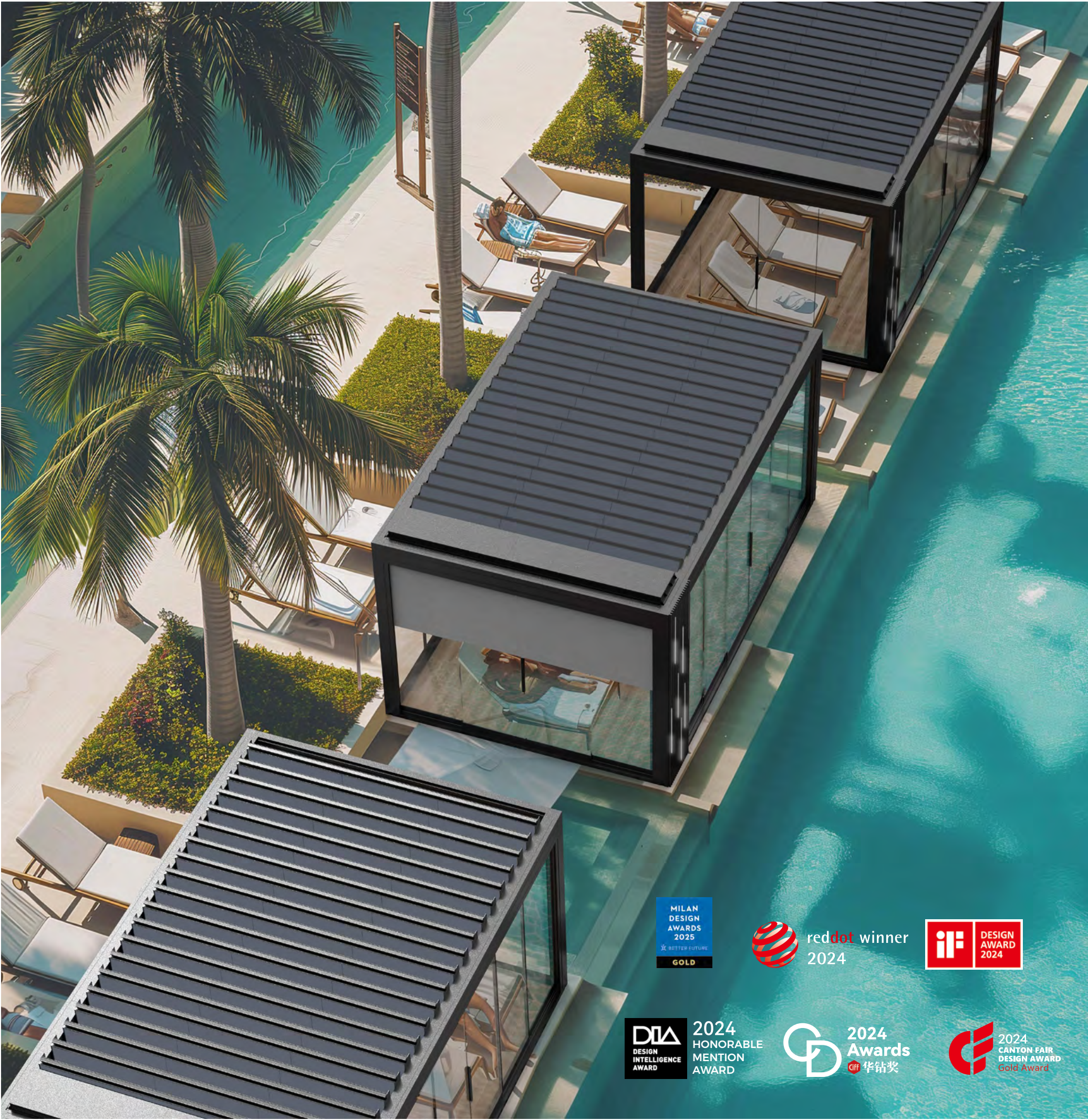


VISION

TO BE THE GLOBAL LEADER IN  
OUTDOOR LIVING.

MISSION

BETTER OUTDOOR LIVING,  
HAPPIER HUMAN BEING.





OMBRA SMART PERGOLA: REDEFINING OUTDOOR  
ELEGANCE FOR EVERY SEASON, EVERYWHERE.







## **EXPLORING OMBRA SMART PERGOLA: WHERE INNOVATION MEETS NATURE**

Ombra smart pergola origin is rooted in the designer's passionate exploration of cutting-edge living spaces, infusing them with a blend of futuristic allure and comforting warmth. Drawing inspiration from the enduring grace of ancient Greek architecture, Ombra smart pergola presents a seamless fusion of metal and glass, creating a limitless panorama. Guided by the elegance of celestial meteors, Ombra integrates an intelligent lighting system and advanced technology, crafting an environment that adapts to your desires, from climate control to ambient lighting. This freedom from the constraints of changing seasons allows you to relish the beauty of coexistence with nature at any moment.



An aerial view of a traditional Chinese courtyard house with a modern glass extension. The house features a grey tiled roof, white walls, and dark wood window frames. A large glass extension with a black frame and a dark roof is attached to the side, revealing a modern interior with a sofa and coffee table. The courtyard is filled with lush greenery, including trees and plants. The overall scene is a blend of traditional architecture and modern design.

THIS IS NOT JUST ANY PERGOLA. THIS IS A

**Ombra**

MOVEABLE REAL ESTATE

This innovation fulfills the desire for a year-round, flexible, and aesthetically pleasing experience, serving as an ideal sanctuary for the mind, body, and soul.





# SHOWCASING THE PINNACLE OF MODERN INNOVATION

PATENTED BUILT-IN AIR CONDITIONING SYSTEM  
AUTOMOTIVE-GRADE SMART INTEGRATION  
ROCK-SOLID ARCHITECTURE  
PATENTED NOISE REDUCTION TECHNOLOGY  
HIGH-EFFICIENCY 25.6% SOLAR PANELS  
CUTTING-EDGE INVERTER TECHNOLOGY

Our patented built-in air conditioning system maintains optimal temperatures ranging from -20°C to 42°C, with models designed to handle up to 55°C in Middle East climates. Designed for flexibility, our modular structures can be set up without a foundation and completed within two days, ensuring quick and easy installation and relocation.



TRANSFORM YOUR ISLAND GETAWAY INTO A YEAR-ROUND PARADISE  
WITH THE OMBRA SMART PERGOLA, WHERE EVERY MOMENT BY THE  
SEA IS PERFECTLY COMFORTABLE AND EFFORTLESSLY SERENE.





EXPERIENCE THE ULTIMATE OUTDOOR SPA RETREAT WITH OMBRA,  
WHERE STUNNING NATURAL VISTAS AND SERENE COMFORT REJUVENATE  
YOUR BODY, MIND, AND SPIRIT.





IMMERSE YOURSELF IN LUXURY AND NATURE WITH OMBRA PERGOLA  
JACUZZI SCENE—A PERFECT FUSION OF SOOTHING WARMTH AND  
OPEN-SKY INDULGENCE, REDEFINING THE PINNACLE OF RELAXATION.





## RESTAURANTS

IDEAL FOR ENTRANCES, STREETSIDE, GARDENS, TERRACES,  
AND CLIFFSIDE SPACES, CREATING INVITING ATMOSPHERES.





EMBRACE THE THRILL OF CLIFFSIDE DINING WITH OMBRA, WHERE  
BREATHTAKING VIEWS AND SERENE COMFORT CREATE AN UNFORGETTABLE  
CAFÉ EXPERIENCE.





TRANSFORM DINING EXPERIENCES ON THE CHAMPS-ÉLYSÉES WITH OMBRA SMART PERGOLAS, WHERE SUSTAINABLE DESIGN MEETS COMFORT, REDUCING CARBON EMISSIONS WHILE ENHANCING GUEST SATISFACTION.





PERFECT POOLSIDE GATHERINGS:  
ENHANCE YOUR POOLSIDE BARBECUES WITH THE OMBRA SMART PERGOLA,  
OFFERING STYLISH SHADE AND COMFORT FOR ANY OCCASION.





TRANSFORM YOUR GARDEN INTO A WINTER OASIS WITH OMBRA,  
WHERE SWIM SPAS OFFER WARMTH AND WELLNESS AMIDST  
THE SNOWY LANDSCAPE, CREATING JOY FOR EVERY SEASON.





TRANSFORM YOUR ROOFTOP:  
TURN AN UNUSED ROOFTOP INTO A VIBRANT, YEAR-ROUND  
OUTDOOR OASIS WITH THE OMBRA SMART PERGOLA. EXPERIENCE  
MULTIFUNCTIONAL LIVING IN THE SKY.



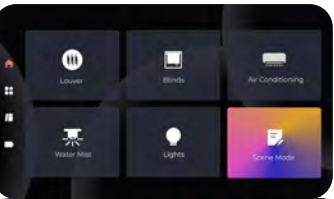




# PRECISION TEMPERATURE CONTROL

FEATURING A BUILT-IN AIR CONDITIONING SYSTEM WITH 160° AIRFLOW, THE OMBRA PERGOLA OPERATES SMOOTHLY FROM -20°C TO 42°C. A SPECIAL MIDDLE EAST VERSION HANDLES EXTREME TEMPERATURES UP TO 55°C, ENSURING COMFORT THROUGHOUT THE YEAR.

# AUTOMOTIVE-GRADE OUTDOOR SMART INTEGRATION

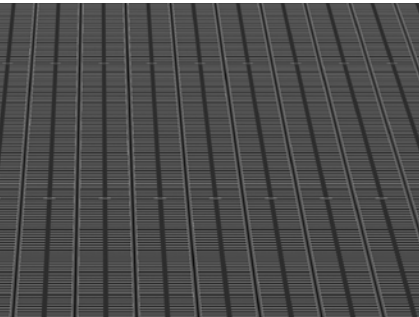
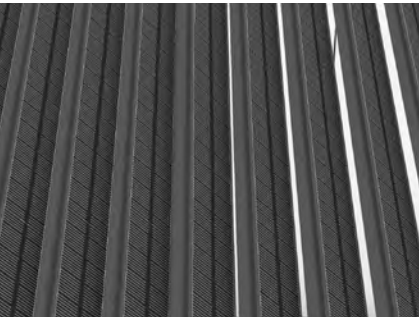
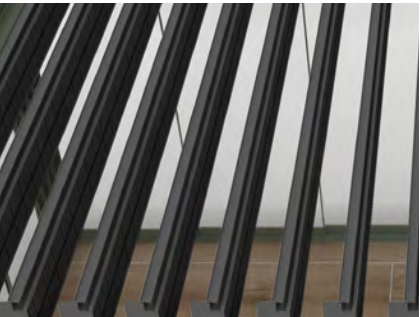


Sun-Shade Blinds   Air Conditioning   Louvers With Solar Panels   Lights   Water Mist



# Multi-Function Use

All Weather All Day



POSITION 120°



Optimal Airflow  
Angled 45°-120° for  
Ultimate Comfort



POSITION 45°



Maximum Energy Absorption  
Optimal 0°-45° Sunlight Angle



POSITION 0°



Weather Protection:  
UV Defense at 0°C, Rain Safety

# ROCK-SOLID STRUCTURE

CRAFTED FROM AEROSPACE-GRADE ALUMINUM-MAGNESIUM ALLOY AND WEIGHING OVER 2.8 TONS, THIS PERGOLA SUPPORTS SNOW LOADS UP TO 200 KG/M².



1H  
Water Mist



12  
Sun-Shade  
Blinds



4H  
Air Conditioning



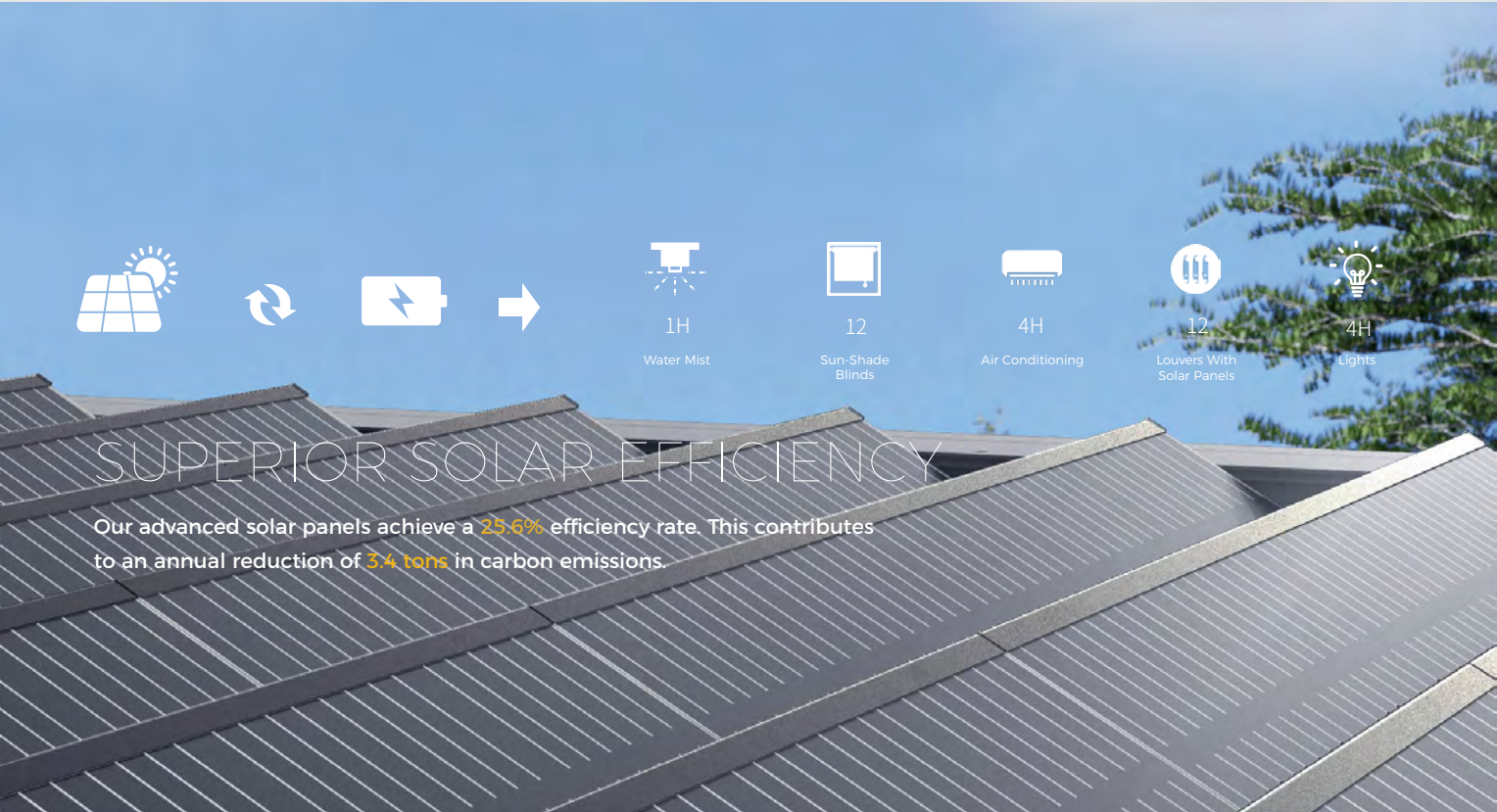
12  
Louvers With  
Solar Panels



4H  
Lights

# SUPERIOR SOLAR EFFICIENCY

Our advanced solar panels achieve a **25.6%** efficiency rate. This contributes to an annual reduction of **3.4 tons** in carbon emissions.







Wind Sensor for Automatic  
Wind Protection



Rain Sensor for Automatic  
Rain Protection



Drainage System to Prevent  
Water Accumulation

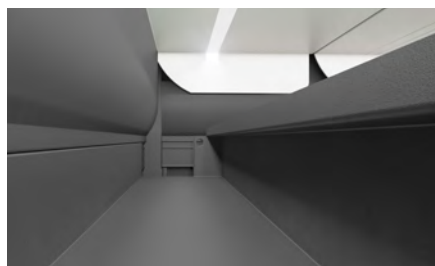


After-Rain Drain Mode for  
Peace of Mind

## Rainproof Comfort

### Our Innovative Water Drainage System

Our innovative water drainage system combines technology and craftsmanship to keep your outdoor space dry. Precision-engineered channels guide rainwater to drainage holes at the column bases, ensuring efficient water management. Enjoy your outdoor moments rain or shine, with a design that protects and enhances your experience.

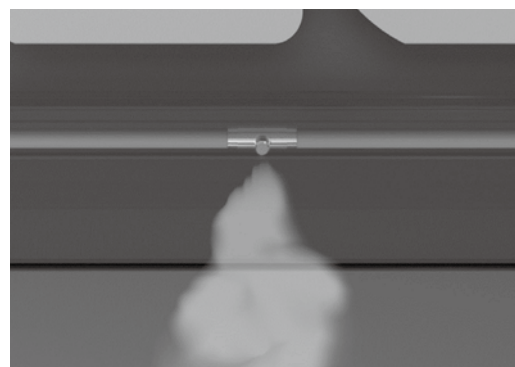


## MICRON MIST FOR ALL-SEASON COMFORT



**Water Mist Mode**  
Quick Cooling/Humidification/  
Comfort/Custom/Mode

10-Micron droplets with a misting rate of 500ml/h, providing cooling in summer and added humidity in fall. Add citronella-based mosquito repellent to the mist for yearround comfort.



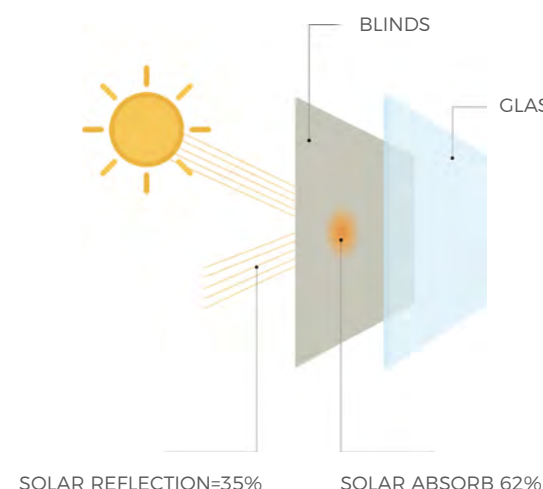
## Invisible Sun-Shade Blinds For Sun Protection And Heat Insulation

UV protection: Blocks 97% of harmful UV rays for safer sun protection.

Extends and retracts in a mere 8 seconds.

Multi-purpose elegance: White fabric ideal for projection.

Dual Shield Protection: Keeping Mosquito Intrusion at Bay.



## 12mm Ultra-Clear Insulated Tempered Glass Sliding Doors

360-Degree View

1/1000 Self-Explosion Rate

10dB Silence Rail

1. Enhanced Safety: Increased glass thickness for superior impact resistance.
2. Superior Sound Insulation: Effectively blocks noise for a peaceful indoor ambiance.
3. Excellent Thermal Insulation: Provides outstanding heat retention for greater comfort.
4. Enhanced Visual Experience: Improved light refraction for a more vibrant view.







Solar-integrated Louvers with  
Insulation Coating (0°-120°) -  
Patented



The World's First All-In-One  
Outdoor Air Conditioning



Smart Multicolored Lighting  
Control System



Micro-Water Mist for Air  
Conditioning Plus



Smart Control Panel



Highly Efficient PV Energy  
Storage System  
(SP-A8 OFF-GRID ONLY)



Rainproof Comfort  
Our Innovative Water Drainage System



Seamless Dual-Power:  
Switch between Solar and Grid Powe



12mm Ultra-Clear Insulated  
Tempered Glass Sliding Doors



Smart Invisible Sun-Shade Blinds



Smart Living: All-in-One Home Solutions  
for Indoors and Outdoors

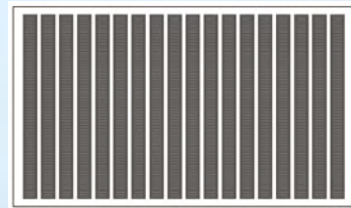


Weather-Proof Care: Effortless  
Protection in Extreme Conditions



## SP-A8 LUXURY

(D)600X(W)400X(H)260CM



Solar-integrated Louvers with Insulation Coating (0°-120°) - Patented (2.85KW)

The World's First All-In-One Outdoor Air Conditioning

Smart Control Panel

Highly Efficient PV Energy Storage System

12mm Ultra-Clear Insulated Tempered Glass Sliding Doors

Smart Invisible Sun-Shade Blinds

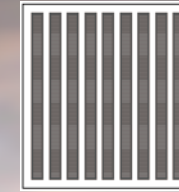
Smart Multicolored Lighting Control System

Micro-Water Mist for Air Conditioning Plus



## SP-A8S FREEDOM

(D)400X(W)390X(H)260CM



Solar-integrated Louvers with Insulation Coating (0°-120°) - Patented (1.65KW)

The World's First All-In-One Outdoor Air Conditioning

Smart Control Panel

Highly Efficient PV Energy Storage System

12mm Ultra-Clear Insulated Tempered Glass Sliding Doors

Smart Invisible Sun-Shade Blinds

Smart Multicolored Lighting Control System

Micro-Water Mist for Air Conditioning Plus





## SP-A7 ART

(D)600X(W)400X(H)260CM

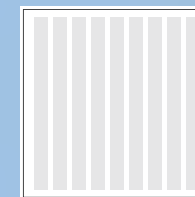


Smart Louvers with Insulation Coating (0°-120°) - Patented  
The World's First All-In-One Outdoor Air Conditioning  
Smart Control Panel  
Highly Efficient PV Energy Storage System  
12mm Ultra-Clear Insulated Tempered Glass Sliding Doors  
Smart Invisible Sun-Shade Blinds  
Smart Multicolored Lighting Control System  
Micro-Water Mist for Air Conditioning Plus



## SP-A7S ELEGANCE

(D)400X(W)390X(H)260CM



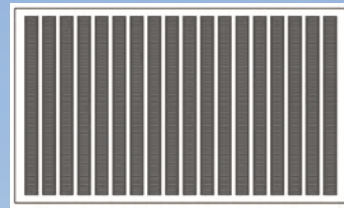
Smart Louvers with Insulation Coating (0°-120°) - Patented  
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Smart Invisible Sun-Shade Blinds  
Smart Multicolored Lighting Control System  
Micro-Water Mist for Air Conditioning Plus



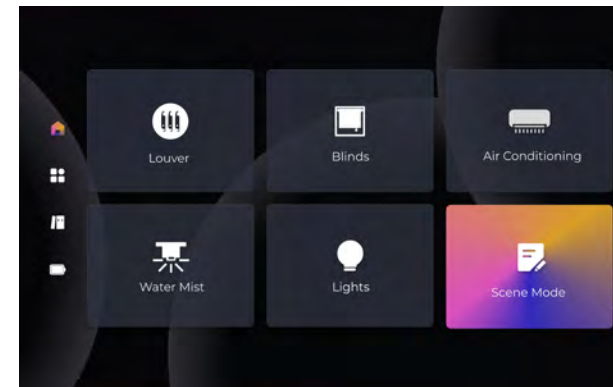


## SP-A8 GRID

(D)600X(W)400X(H)260CM

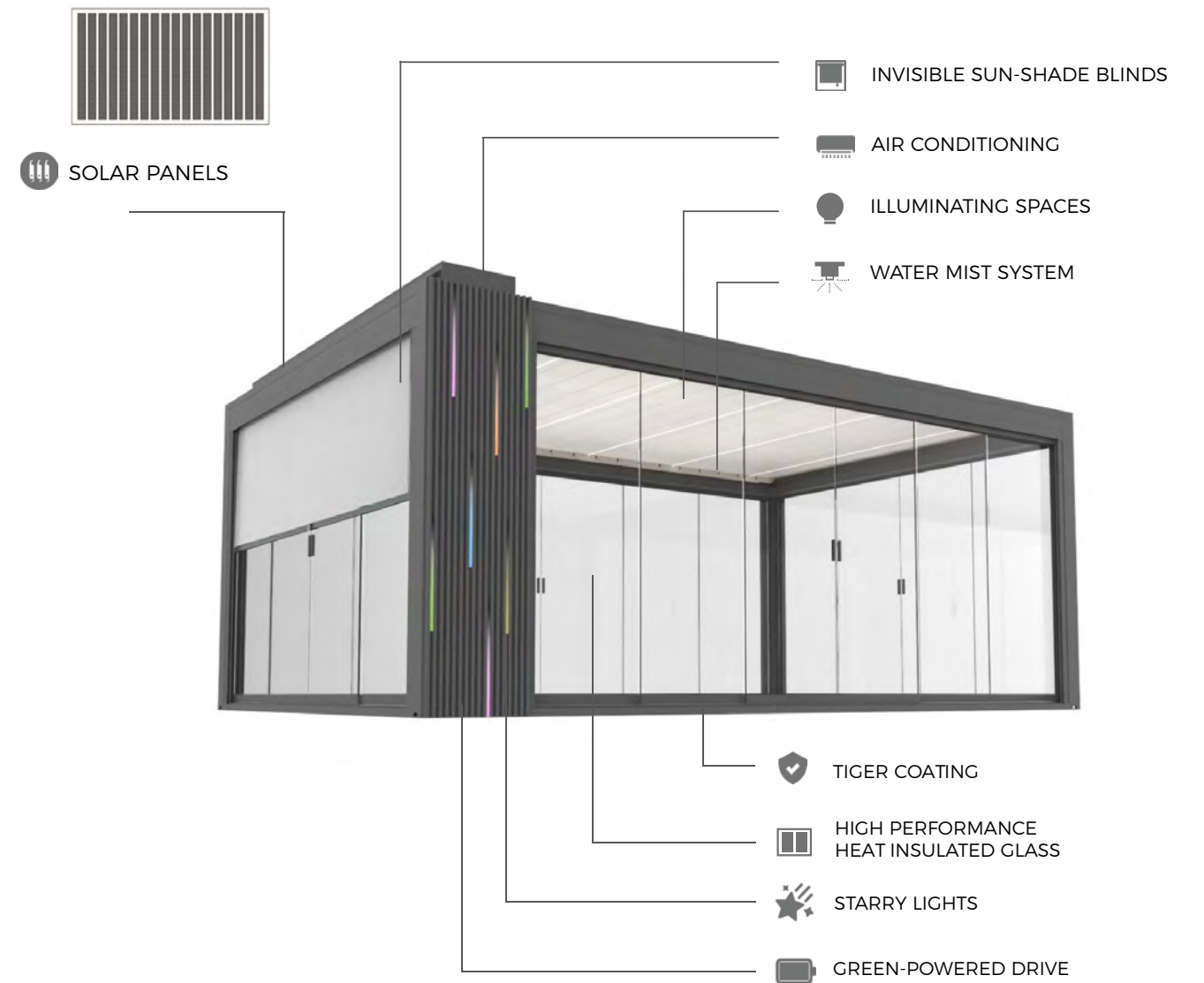


Solar-integrated Louvers with Insulation Coating (0°-120°) - Patented  
The World's First All-In-One Outdoor Air Conditioning  
Smart Control Panel  
LOW-E glass sliding doors for better insulation  
Smart Invisible Sun-Shade Blinds  
Smart Multicolored Lighting Control System  
Micro-Water Mist for Air Conditioning Plus



INTEGRATION SMART CONTROL

RAIN & WIND SENSING TECHNOLOGY









Immerse in Starlight and Journey  
to the Beyond





# BUILDING MARKET LEADERSHIP THROUGH GOVERNMENT AND COMMUNITY TRUST

Our innovative and sustainable products have earned us global government support. As more governments seek partners who prioritize environmental and social impact, Ombra is set to become a preferred supplier. This endorsement, along with community trust, gives us a strong competitive advantage in the industry.



Instagram: solar.pergola



LinkedIn: Ombra Smart Pergola



Instagram: RENLI1111



LinkedIn: 李韧(Ren Li)



# Ombra



To truly appreciate the vastness of the universe and the delicacy of life,  
you must converse with the sun, moon, and stars, engage with rivers,  
lakes, and seas, shake hands with every tree, and connect intimately with  
each blade of grass.

— 《30,000 Miles of Africa》