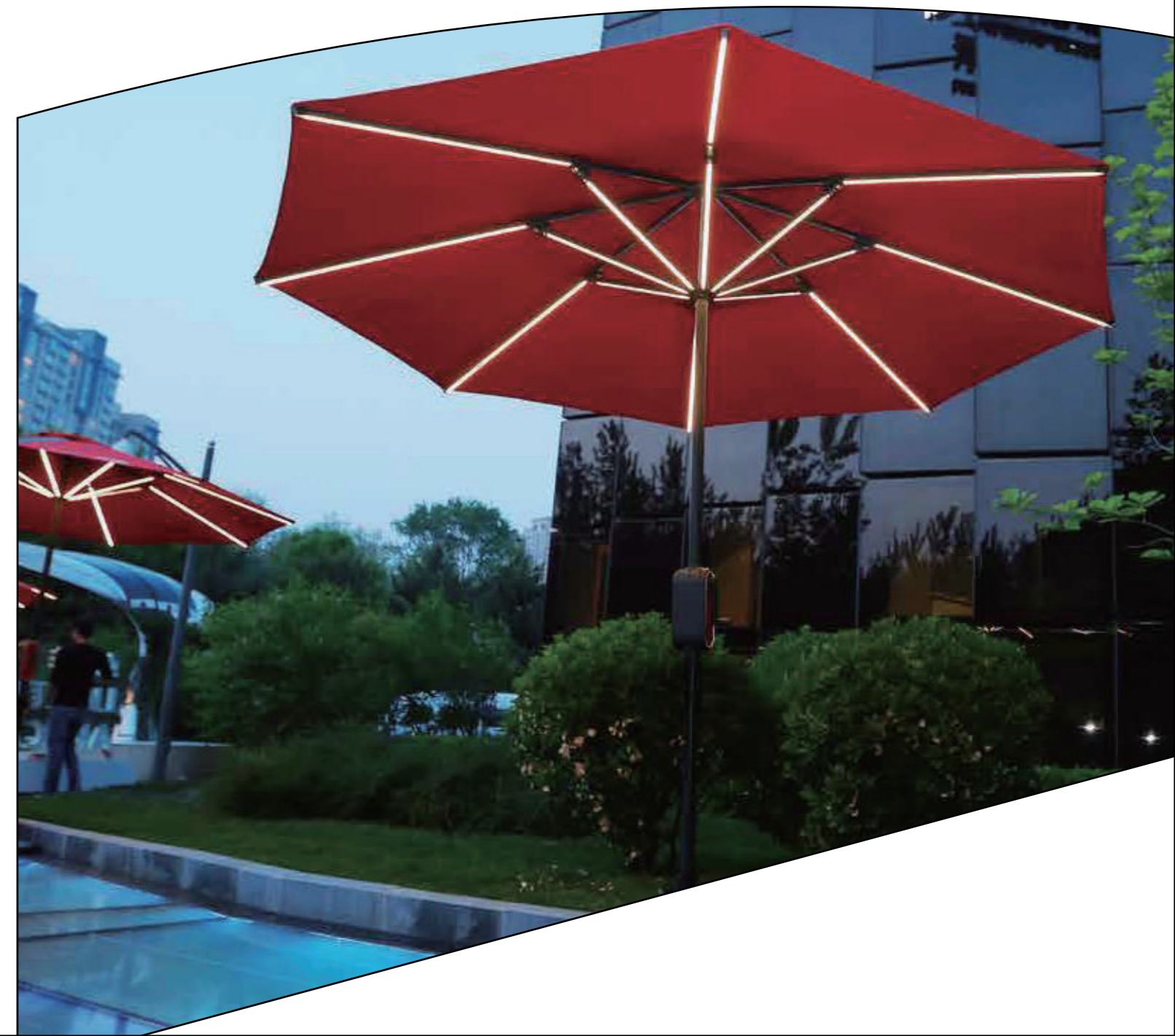


SOLAR UMBRELLA PRODUCT MANUAL

Your
Best
PV
Supplier



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Solar umbrella, thin film solar power umbrella, not only has the function of sunshade and rain protection of outdoor umbrella, but also a layer of high-efficiency flexible thin film solar chip laid on the surface, so that solar umbrella has power generation function regardless of sunshine or cloudy. Solar umbrella has four advantages of off-grid power supply, super large energy storage, night lighting and terminal charging, which can light up technology life at any time.

Solar umbrella Profile

Create a smart space,
Make a difference

Product Value



Off-grid power supply



Electricity storage



Night illumination



Terminal charging

Technical Solar Umbrella Innovative Work

Movable Solar Umbrella with more applicable scenarios, can generate electricity whether it's sunny or cloudy. As an innovative work of new energy, Solar umbrella combines the features of practicality, portability, safety and environmental protection, and creates a pleasant feeling for users with the technological coat. It provides users with secure and lasting power supply guarantee and brings better solutions to open space.

Quality Canopy Weather Fearless

Solar umbrella can effectively resist ultraviolet light, with angles responding to sunlight in different directions. Please enjoy the cool air in the summer. Solar umbrella also offers the functions of normal umbrella. It is effectively rain-proof, thus always ready for a rainy day.

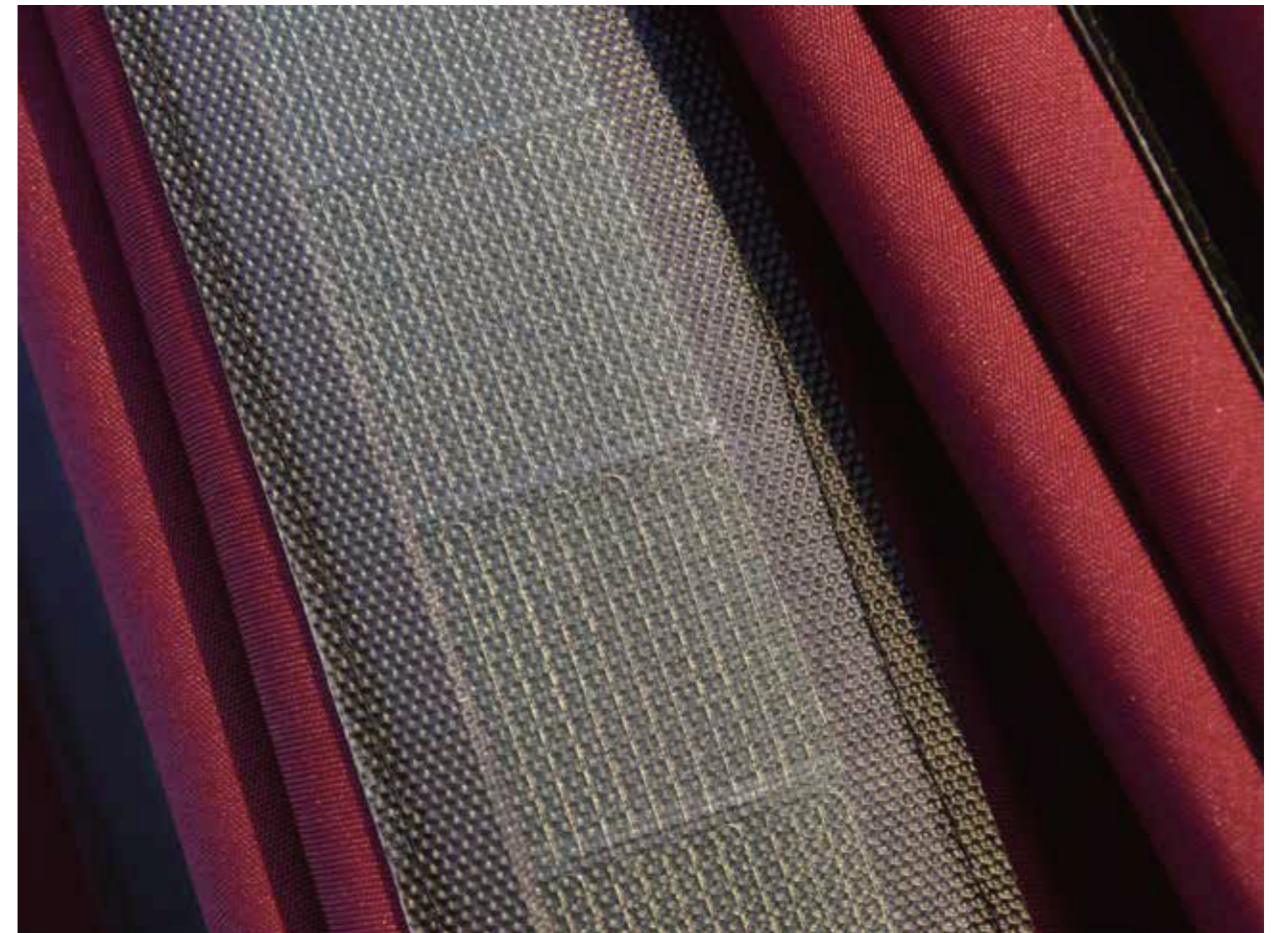
DETAIL DESIGN CONCISENESS AND ELEGANCE



- Eight-sided shape, center column design, simple texture, stylish and beautiful
- The stainless steel threaded connection sleeve is used for the umbrella column to ensure high strength tolerance of the umbrella structure.
- The chip is made of flexible stainless steel substrate, light and flexible, fits the umbrella body

USE INNER CORE LIVE WITH TECHNOLOGY

- **Green energy:** Utilizes solar energy as clean power with zero emission and zero pollution.
- **Technology transformation:** Uses CIGS technology solar chip with the highest production efficiency in the world.
- **Unique technology:** Uses unique ICI-Integrated Cell Interconnect technology (Note: only for GSE).
- **Stable luminous energy:** stable performance, with stable CIGS power and no light induced decay effect.
- **Low light power generation:** Power can still be maintained when the light is not strong. Low light power generation offers strong.



SUPER LARGE ENERGY STORAGE

- **Terminal charging:** 138Wh, 38400mAh large energy storage.
- **Multi-person use:** The umbrella integrates 4 USB ports, which can charge 4 mobile phones at the same time, and can also charge a variety of household appliances.
- **Support for power-up:** In special cases, it can be quickly recharged through a standard DC interface.



BRIGHTNESS SWITCH RATIONAL POWER CONSUMPTION

- Support two type illuminations: standard brightness and high brightness
- Support standard brightness illumination for up to 10h

Product Specifications



Dark red



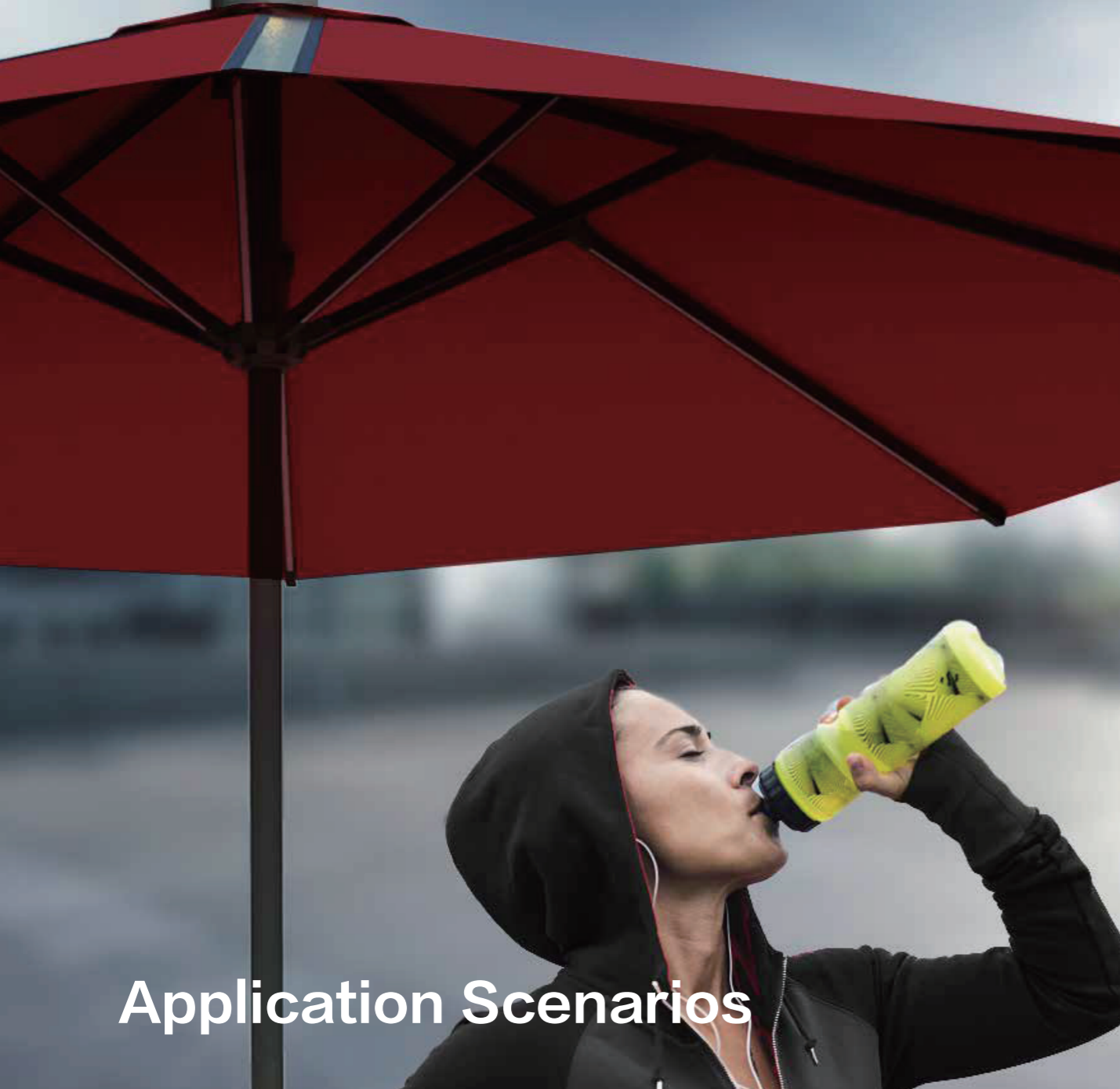
Dark green



Top color

Product parameter

Shape	Central Column
Height	2.5m (Approx.)
Cloth Diameter	2.8m (Approx.)
Shaft Diameter	38mm (Approx.)
Fabric	Yarn dyed fabric
colour	Dark red/Dark green/Top color
Weight	11 kg (Without Stand)
Solar Module Type	CIGS
Component Power	GSE : 50.4 W / Miasole : 50.8 W
DC-IN	DC 12V/2A *1 (DC 3.5*1.35mm)
DC-OUT	DC 5V/2A, MAX 10W (USB Type-A *4)
Battery Energy	138Wh, 38400mAh



Application Scenarios

Solar umbrella can be used in public facilities, matches, games, product promotions and other open-air activities.

The existence of solar umbrella lets public facility, matches and games, and open-air venues free from power restrictions. Solar umbrella guarantees outdoor lighting function at any time, even when it is cloudy. Multiple USB interfaces making under-umbrella activities more diversified. Makes it possible to stay always online and ever ready to utilize the massive energy storage. Solar umbrella let's multiple users charge their electronic devices. You can also enjoy music while you're at the events. Users can enjoy electric fans and other practical functions with solar umbrella during hot days. With solar umbrella users can enjoy a good environment and atmosphere when working outdoors.



Solar umbrella can be used in open-air retaliation such as open-air shop and retail booth, and in open-air catering.

Solar umbrella can shade the sun and save sunlight for electric power at the same time. Technology extension function can raise customer satisfaction, improve the stall's appeal and boost the business sales. Get rid of the inconvenience of the power cord distribution and make full use of the expensive business location or leisure layout with umbrella's appealing design. Solar umbrella can lower operating costs for offline promotions. It also has advertising function. With various venues, it can increase the permeability of the brand promotion. Create user immersion consumption environment. In outdoor recreation. Solar umbrella makes it possible for users to enjoy power at any time. It also aids in easy communication at anytime, anywhere.



Solar umbrella can be used in tourist resorts like hotel, vacation village.

Solar umbrella can also be used as a normal umbrella serving the use by shading the sun, preventing the rain, and making outdoor experience more comfortable.

It has 4 USB ports which can connect a small fan, mosquito repellent lamp, speaker box and other household appliances. The unrestrained electricity experience brings more pleasant feeling for the outdoor users. The umbrella's body is easy to open and close. Intelligent lighting system brings convenience for the users.

Create a more natural environment. Enjoy the nature while feeling more closed to the environmental life



Solar umbrella can be used in places such as villas, courtyards, parks and other open-air leisure places.

Solar umbrella in courtyard or outdoor places not only shades the sun and prevents the rain, but also brings comfortable experience for families. Solar umbrella in courtyard lets you get rid from the inconvenience of the power cord distribution and makes layout neater and more convenient. Solar power generation saves electricity costs for families, and secures unrestrained outdoor electricity usage. The innovative functions such as super large energy storage and terminal charge make household power consumption more reasonable and more environmentally friendly. USB interface can connect small household appliances, and bring you and your family a new experience with comfortable science and technology life style.