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premier outdoor living • solar shading • cladding products

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LumiSolar &  
LinaSolar



Solar-powered awnings

**winsol**



## Green energy in motion

In a world where sustainability takes center stage, more and more people are turning to green energy to make their lives more energy-efficient. The future is all about renewable energy. Whether it involves electric bikes, electric cars or solar panels, the focus is on the smart use of natural energy sources.

Our solar products support this shift to green energy. By integrating solar energy into our systems, we provide you with an innovative way to save energy and reduce your carbon footprint. This way, you're not only contributing to a more sustainable future but also making a conscious choice that offers long-term benefits. Choose our sustainable solutions and join us in the next step towards a greener, energy-efficient world.





# Why choose a **solar-powered** awning?

A solar-powered awning not only provides shade for your terrace but also effectively protects against the sun's infrared radiation. Thanks to the integrated solar panels, the awning operates entirely on renewable energy, reducing your energy consumption while contributing to a more sustainable and energy-efficient living environment.

## 1 No electrical cables

Say goodbye to complicated installations and messy cabling. Thanks to advanced batteries and integrated solar panels, our solar-powered awnings operate fully autonomously. Which means that no electrical cables need to be pulled through walls or ceilings. The result? No drilling or breaking work and an installation that is ready in record time without our installation crew even having to set foot in your home.

## 2 Optional LED lighting

Light up your outdoor space with stylish LED lighting that is integrated into the front bar, arms or cassette of your awning. Thanks to its subtle and atmospheric appearance, LED lighting in the cassette is the most popular choice for the majority of our customers. With the solar versions of our awnings, you can select from 3 types of LED lighting to create the perfect atmosphere to suit your outdoor lifestyle.

## 3 Up to 6 by 4 metres in size

Our robust awnings not only guarantee high wind resistance – but also maintain this quality at impressive sizes. Enjoy refreshing shade under a LinaSolar or LumiSolar awning up to a maximum width of 6 metres and a record projection of no less than 4 metres. That's 24m² of extra shade on your terrace! Moreover, this impressive size is achieved with just 2 folding arms, without the need for an additional arm.

## 4 2 cassette designs:

Choose the **LinaSolar** for a sleek, modern look with a streamlined cassette, ideal for minimalist architecture. Or opt for the **LumiSolar**, featuring a rounded casing for a softer, more elegant look. Both cassette types combine style, functionality and durability, blending seamlessly with every home's architecture.



# The ideal solar panel arrangement for the **perfect awning**

## More solar panels, more possibilities

Our solar awnings are all about customisation and functionality. You can choose between two configurations: 2 solar panels for a sleek, minimalist look, or 6 solar panels if you want integrated LED lighting. With the latter, you'll have enough energy to power both the awning and the integrated LED lights effortlessly, so that you can enjoy shade during the day and atmospheric light in the evening.

## A design that combines style and functionality

The look and feel of your awning is just as important as its functionality. That is why we offer you several design options:

- ▶ an asymmetric design for a modern, playful look (available with 6 solar panels)
- ▶ a symmetric design for a harmonious, classic look
- ▶ the Black Belt design for a powerful, clean line that really makes your awning stand out.



▶ Asymmetric design



▶ Symmetric design



▶ Black Belt design





# Create the perfect atmosphere with integrated LED lighting

Our **LinaSolar** and **LumiSolar** awnings are designed to perfectly meet your specific needs. If you start with a basic model without LED lighting, 2 solar panels and 1 battery (5Ah) will be enough to keep your awning running smoothly. This is the ideal solution if you are looking for a simple, reliable awning with no extra frills.

## More light, more energy: the power of 2 batteries

Want to add more atmosphere to your outdoor space with integrated LED lighting? Then a second battery (10Ah) is added along with 4 additional solar panels. This configuration ensures that your awning and LED lighting can function separately and optimally. One battery powers the awning, while the other solely provides energy for the LED lighting.

With a fully charged 5Ah battery, the motor of the awning operates and can open and close up to 45 times, even at the maximum size. The 10Ah battery for the lighting provides a runtime of 4 to 11 hours, depending on the light intensity and size of the awning. Is the battery almost drained? No problem: you can easily recharge it, just like a smartphone, with the included charger (charging time for the largest battery: 2 hours). The LED lighting can be integrated into the front profile, arms, or housing (only one option possible). Thanks to the built-in dimmer, you can also reduce the brightness by 50% – from bright light to a soft glow.

## Housing:

The closed cassette of your awning protects the fabric and folding arms from the elements, dust and insects, while the stylish design blends seamlessly with every architectural style. With an integrated LED strip in the casing, your terrace remains illuminated – even when the awning is fully closed.

## Folding arms:

The folding arms, which bear the weight together with the wall attachment, determine the quality of your awning. Winsol uses only the finest materials, such as forged aluminium hinges in the arms, for unmatched durability and longevity. Powerful LED strips, integrated into the bottom part of the arms, provide optional lighting for your terrace.

## Front bar:

The front bar of your awning is also made of sturdy material and can be personalised with indirect white ambient lighting. This adds an extra touch of cosiness to your outdoor evenings.



# A wide range of colours

## Follow the trends or do your own thing

Are you ready to show your true colours? Will you go for a trendy shade like black with textured lacquer, choose the same colour as your windows for a uniform look, or do you want your awning to stand out a bit? The colour of your awning doesn't just determine the look of your outdoor space – it also offers protection. After all, the colour coating ensures that the aluminium is firmly protected from the elements, keeping your awning beautiful for longer.

## Exclusive colours with powder coating

We offer you the latest paint colours at an affordable price so that you can perfectly match your awning to your personal style. Want a different RAL colour? No problem, we have a selection of 300 RAL colours! Choose from matt, glossy, textured or metallic finishes. For a luxurious look, our anodised colours such as natural, gold, champagne, copper and bronze are the ideal solution. The final colour may differ slightly from the display, so we recommend that you view the samples in our showrooms for the best result.

## Sun-resistant fabrics - 100% nylon

Choose from more than 300 colours for your sunshade fabric. Dark colours block more heat than light colours, and whether you want a solid colour or a eye-catching motif, there is always an option to suit your style and home. This way, you give your awning the perfect look as well as making it functional.

## Automatic fabric stretch compensation

The motors measure the tension of the fabric and automatically adjust it to maintain a tight and neat appearance, even after years of heavy use.



# Smart transmitters and sensors

## Transmitter with or without dimmer

Our LinaSolar and LumiSolar awnings are equipped with an advanced transmitter, which optionally includes a dimmer for the LED lighting. Reduce the light intensity by 50% to create the ideal atmosphere for any occasion.

## Integrated 3D wind sensor

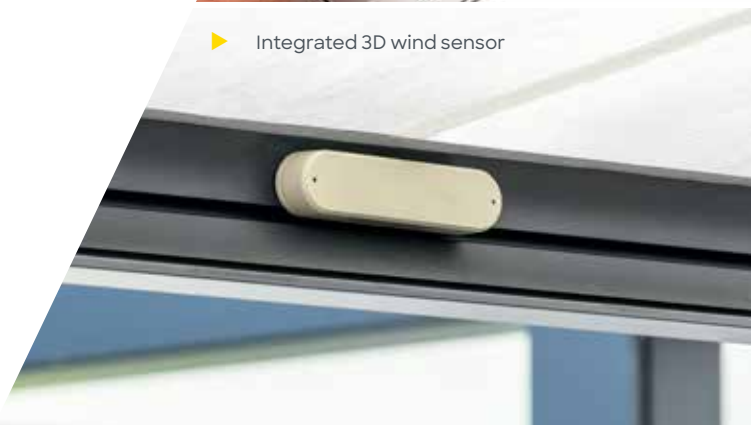
The 3D wind sensor, discreetly hidden in the front bar of your awning, is available in both anthracite and white finishes. This sensor accurately detects wind conditions and ensures your awning automatically closes if there are strong winds, protecting both its durability and functionality.

## Smart sun and wind sensor

Our smart sun and wind sensor, mounted on the wall above the awning, ensures that it automatically opens on sunny days and closes in strong winds. When there is both sun and wind present, the sensor prioritises the wind in order to prevent damage to your awning and provide optimal protection for your outdoor space.



Integrated 3D wind sensor



Smart sun & wind sensor



Transmitter (with dimmer)



3D Wind sensor





# Discover even more Solar in the Winsol range

## Winsol: your trusted partner in green energy

At Winsol, we embrace sustainability not as a trend but as a long-term mission, in which we have been a leader since 2020. With our **SolarFix** screens, which immediately won a **Red Dot Award**, and our award-winning **SolarBox** and **SolarFuse roller shutters**, we are building a reliable range of products in which innovation and sustainability are key factors. Every new development strengthens our position as an experienced pioneer in solar energy. Thanks to Winsol's proven expertise and award-winning products, you can switch to renewable energy with confidence.



### Solar-powered screens: SolarFix

Protect your interior from the sun and keep your home cool with our SolarFix screens, featuring with fiberglass fabric. The screens operate fully autonomously thanks to the built-in battery-driven solar panels, which are cable-free and preserving the view to the outside, thanks to the various light permeability options for the fabric.



reddot winner 2020

### Solar-powered roller shutters: SolarBox

Enjoy all the benefits of our roller shutters, but now solar-powered. The **SolarBox** provides complete blackout, insulation and privacy, all with wireless operation using a transmitter or smartphone.



reddot winner 2021

### Solar-powered roller shutters: SolarFuse

The SolarFuse combines the best of both screens and roller shutters in one innovative solution. Thanks to the microperforations, this roller shutter offers the perfect balance between shading, privacy, and light control. It allows a controlled amount of natural light to enter, ranging from 3% to complete blackout. This way, you can create the ideal indoor climate, ensuring both visual and thermal comfort, exactly how you want it.



# A home to enjoy.

Transform your home with Winsol's HOME and OUTDOOR products. Be amazed at the performance and at how we can improve **your comfort and safety**. This brochure contains an overview of all the Winsol awnings. Our main focus is on design, ease of use and longevity. So everything for **your outdoor enjoyment**.

**Winsol. A home to enjoy.**

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