Solar-powered facade awnings.
Sustainable solar shading
for new and existing buildings.

SOLOZIP® SOLAR

SOLOSCREEN® SOLAR

Easy to install
with no visible wiring.

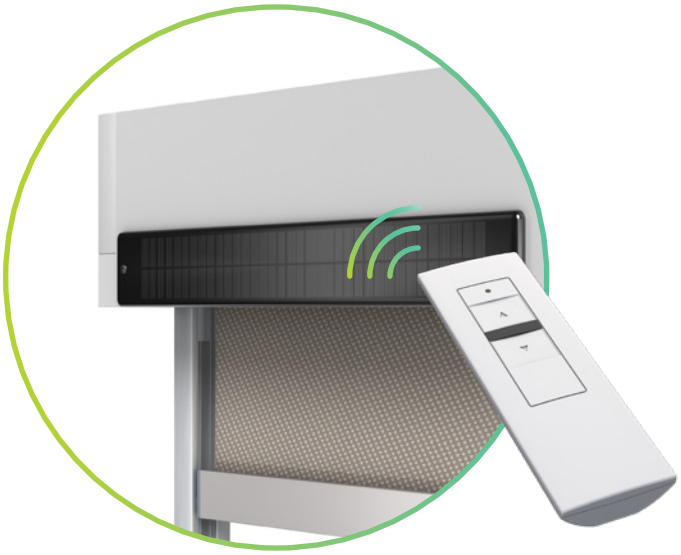
Autonomous solution
with no mains power required.

Sustainable solar energy
with reliable battery storage.

GRIESSER


For greater **sustainability,**
comfort and **security**
within your own home.
PIONEERS
since
1882
IN SUN PROTECTION
CARBON NEUTRAL
BY 2050

Facade awnings powered by solar energy. Your sustainable upgrade for refurbishments or new constructions.



The solar-powered solar shading option for sustainable building enhancements.

Solar-powered facade awnings are an innovative and sustainable option for any building refurbishment or new-build project. The high-performance solar panel supplies the awning system with free solar energy to ensure greater independence from any mains power source. So even in the event of an electricity network outage, your solar shading will remain reliably active. The solar-powered awning option is a truly ecofriendly alternative for any building refurbishment or new-build construction.

Quick and easy to install.
Being solar-powered, the facade awning system can be installed and adjusted independently of any mains power connection. And with its precharged battery and pre-programmed remote control transmitter, it's extremely easy to install and put into operation.

Comfortable and efficient.
The discreetly box-mounted solar panel efficiently converts solar energy into electrical power to provide a sustainable and ecofriendly energy source that is entirely free of charge.

Sustainable and clean.
Griesser's solar-powered facade awnings use free, clean and renewable solar energy. So by opting to use this reliable solar motor with its ecofriendly design which has also earned the «Act for Green»-Label you're opting for energy independence, too.

Secure and reliable.
Thanks to their automatic operation, your Griesser solar-powered facade awnings will also open and close when you're away, giving the impression that you've never left home.

Solozip® Solar.

Solozip® Solar is Griesser's zippered solar-powered facade awning system. The zipper closure is welded onto the fabric to hold the material securely within its guides throughout the awning's height. Solar-powered awnings are environmentally friendly and require no mains electricity, as they are powered solely with solar energy. The solar power kit is a fully pre-wired system which uses renewable solar energy to comfortably open and close the awnings.

Mains-free operation in summer and in winter.
No electrician required, saving installation costs.

●●●○○
Daylight control

●●●●●
Lateral darkening

●●●●●
Wind resistance

12 m²

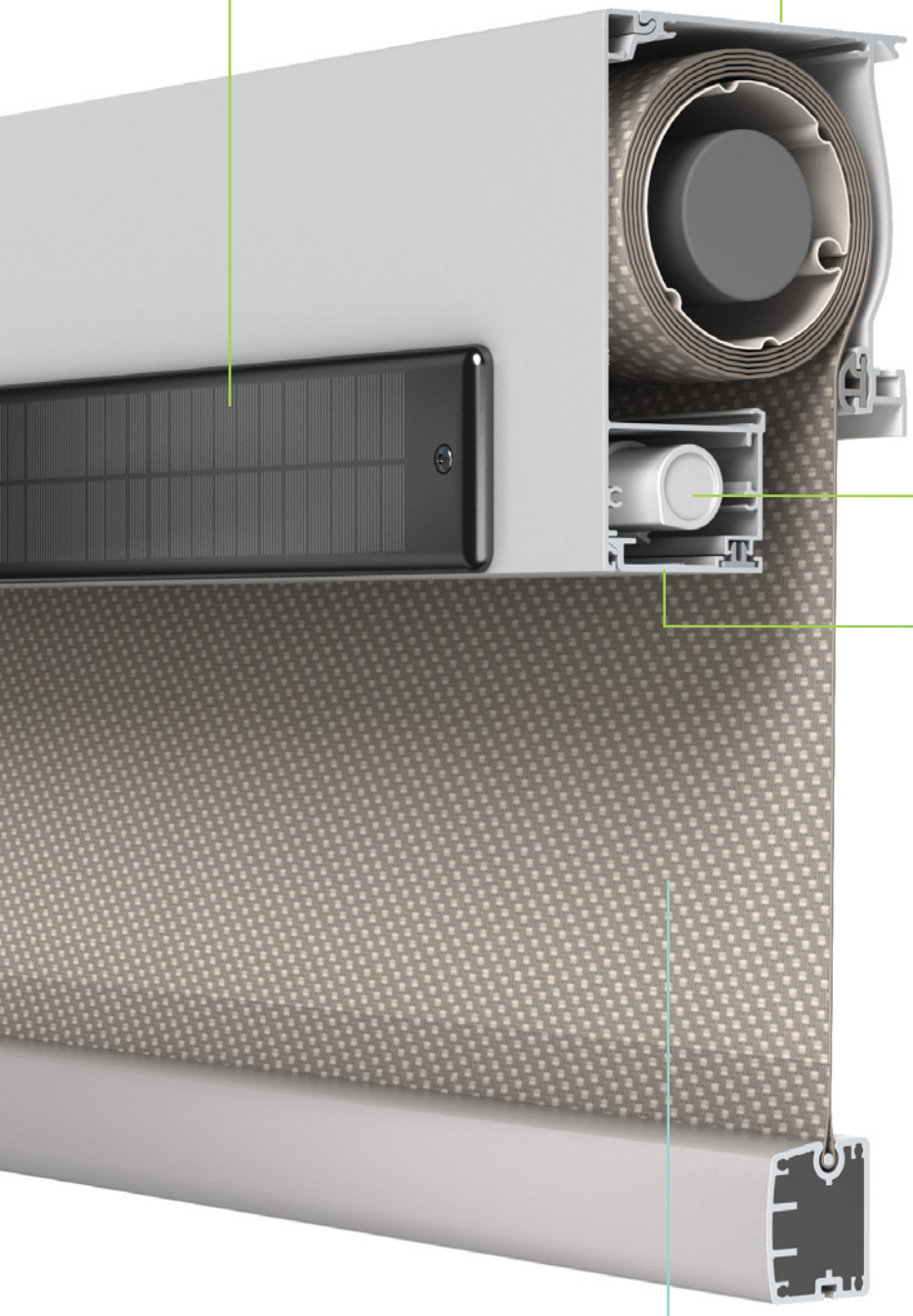
4000 mm

3000 mm

- Quick, easy and neat installation on the outside of the facade, leaving the interior free.
- Installation requires no drilling into windows or walls, avoiding the creation of thermal bridges.
- Motor-powered awnings can also be installed away from any mains power source.
- No further wiring required: the solar power kit comprises the motor, battery and solar panel, and is fully pre-wired. Just connect the battery to the motor using the plug provided.
- No additional consumption of home mains power.

Box
The awning box deftly blends aesthetic aspirations with functional needs, and securely accommodates the system's motor, battery and wiring connections.

Solar module
With its high-performance solar panel, the module can also be installed facing north.



Battery life
At least 30 days*
without sunshine.
*two open-and-close cycles a day

Access panel
Easy battery access.

Facade awning
A wide range of awning fabric options are available to meet all tastes and needs.

A study conducted by the reputed Fraunhofer Institute for Solar Energy Systems ISE concluded that solar-powered solar shading facilities can significantly reduce the energy consumption of heating and air conditioning systems. This is turn helps substantially lower the associated carbon dioxide emissions.

Soloscreen® Solar.

Soloscreen® Solar is Griesser's solar-powered facade awning system, which is available in various options and for larger awning areas. Solar-powered awnings are environmentally friendly and require no mains electricity, as they are powered solely with solar energy. The solar power kit is a fully pre-wired system which uses renewable solar energy to comfortably open and close the awnings.

Mains-free operation in summer and in winter.
No electrician required, saving installation costs.

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Daylight control

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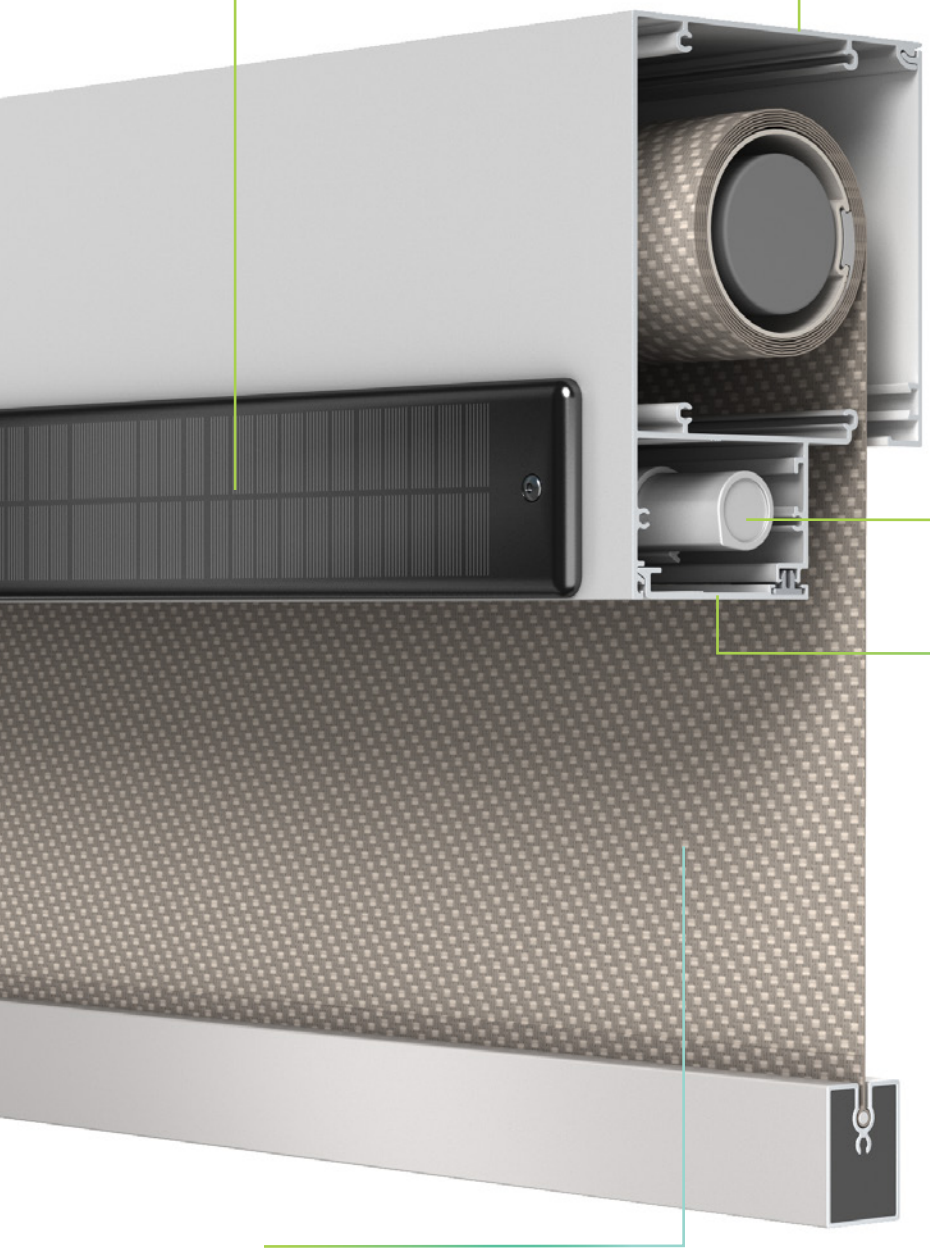
- Installation requires no drilling into windows or walls, avoiding the creation of thermal bridges.
- Motor-powered awnings can also be installed away from any mains power source.
- No further wiring required: the solar power kit comprises the motor, battery and solar panel, and is fully pre-wired. Just connect the battery to the motor using the plug provided.
- No additional consumption of home mains power.

Box
With Soloscreen® Solar, too, the awning box is skillfully designed in both aesthetic and functional terms. The extended box elegantly hides the awning's bottom rail.

Solar module
With its high-performance solar panel, the module can also be installed facing north.



Battery life
At least 30 days*
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Access panel
Easy battery access.

Facade awning
A wide range of awning fabric options are available to meet all tastes and needs.

Did you know that a solar power production facility big enough to meet the world's electricity needs would be half the size of India? And did you also know that the sun gives us far more energy every day than humankind consumes in a year?

Solar power kit.
For Solozip® Solar and Soloscreen® Solar.
Simple, solid and robust.

Technical data

Electricity supply
12-volt NiMH battery
2 cycles a day

Radio frequency
433 MHZ

Diameter
d 40 mm

Torque
10Nm

Speed
12 RPM

Voltage
12 V

Solar power kit
The smart, easy and sustainable way to automatically manage your facade awning system.

Radio-controlled motor
A motor with a bidirectional IO radio protocol (868 MHz) can be installed on request.

Good to know

Solar panel
Material: synthetic resin
Output: 3 W

Radio-controlled motor
Equipped as standard with a radio motor (T3.5 ESP Hz-DC-10/12) as standard. Damage can be avoided thanks to obstacle detection. The motor switches off if there is an obstacle in the area where the façade awning is travelling. It also has a frost protection function, frost protection function that ensures safe stopping in the event of frost stop is guaranteed. The transmitter of the solar kit works with radio technology that is recognised on the market and is known for its reliable performance.

Electricity supply and battery
Electricity is generated by a solar module producing 12 V/2.2 Ah. The battery will continue to charge even in unfavorable light conditions.

Sizeable energy storage: the facade awnings can continue to be operated* for 30 days without sunshine. The battery is also easily accessible.

*two open-and-close cycles a day


Thinking sustainably.
Acting sustainably.
Our mission for a
future worth living.

Inspired by the **Sun.**

griesser.com

11.2023 – Subject to change