

The energy-generating sliding shutter SolarSlide

# The most elegant way to generate electricity.

**EHRET** 



**Minimal in appearance.  
Powerful in impact.**

EHRET is setting new benchmarks: a convincing solution where design and function come together seamlessly.

The technology behind these coloured photovoltaic sliding shutters was developed by EHRET with the support of the **Fraunhofer Institute for Solar Energy Systems (ISE)**.

## **A versatile design allowing architectural freedom.**

**Thanks to a broad palette of colours, the modules can be precisely matched to the façade. The glass surface is available in satin, gloss, or textured finishes.**

An integrated interlayer delivers an elegant, opaque look. Alternatively, the interlayer can be omitted to create a semi-transparent effect, allowing light into the building and opening up new design possibilities.

### **Standard colours**



Black      Anthracite      Grey      Light Grey



Blue      Green      Terracotta      Gold

### **Custom colours available on request**



# When light becomes energy.

**The sun is our constant companion.** It brings light, warmth and life. And at times, we wish we could capture that energy. Not just for the moment, but for later use as well. That is precisely why we developed the SolarSlide sliding shutter.

**Harnessing sunlight. Defining shade. Generating electricity.**

With SolarSlide, EHRET introduces a sliding shutter that combines aesthetics, functionality and energy efficiency. The integrated solar modules generate electricity while providing highly effective sun protection. Whether for a new construction or renovation project: SolarSlide represents architectural solutions that work harder, and significantly increase solar yield. It is the key to transforming a low-energy house into a plus-energy building. At the same time, the coloured glass-glass modules blend harmoniously into any façade.

## Two systems for different requirements.



### SolarSlide

A building-integrated solution offering higher feed-in capacity and connection to on-site inverters and energy storage systems. Ideal for large-scale projects with ambitious energy targets.



### SolarSlide Pro

A plug-and-play system featuring an integrated micro-inverter in each panel. The electricity generated can be fed directly into the grid (up to 800 W) or pooled to form an independent photovoltaic system.

Both variants are available in sizes up to **1500 x 2800 mm per panel**. Ideal for architectural façade applications.

# All details at a glance.



## Where architecture meets sustainability.

Photovoltaic sliding shutters unlock the potential of unused façade surfaces, allowing buildings to play an active role in the energy system. They simultaneously enhance the building's visual appeal and protect interior spaces from overheating. All without visible technology.



### Sun protection with added value

SolarSlide provides reliable protection against direct sunlight while simultaneously generating electricity. What was once passive shading becomes active energy production.



### Invisible technology, visible results

The elegant glass-to-glass modules require no visible cell framework. The technology remains discreet, allowing the design to take centre stage.



### Colours to suit your style

Choose from the standard colours of black, anthracite, grey, light grey, blue, green, terracotta and gold. Custom shades are also available on request. The powder coating of the aluminium frames can be colour-matched accordingly.



### Durable and weather-resistant

High-quality materials, such as toughened safety glass (ESG) and powder-coated aluminium, ensure a long service life with minimal maintenance.



### Easy to integrate

SolarSlide integrates effortlessly into both existing and new buildings. It can be operated manually or by a motor and is compatible with all standard controller systems.



### Greater efficiency for the building

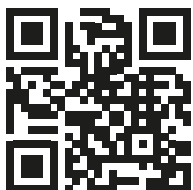
The electricity generated can be used on site or fed into the grid. This helps reduce energy costs and supports modern, energy-efficient building standards.

**With outstanding flexibility,  
quality, functionality and  
energy efficiency, the system  
provides compelling solutions  
for any building.**

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**EHRET** 

The logo for EHRET, consisting of the word "EHRET" in a bold, black, sans-serif font, followed by a blue icon of three horizontal bars of varying lengths, resembling a stylized 'E' or a modern architectural element.