

Achieve nearly zero-energy buildings (nZEB) through solar facade solutions

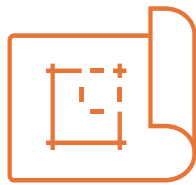


Sauna House 2019 / Located in Netherlands
System Nominal Power 2,700 Wp



Project Estimation

We can estimate the annual energy yield based on the site information provided and historical solar irradiance data. Then, we will provide the initial quotation and shipping cost. Saving time for you to plan solar panels is our intention.



Design & Layout

We will help you confirm the installation area of solar panels. The technical panel drawing will be executed, which includes the cell layout, junction box, dimensions, and electrical information, ensuring that your solar panel system is optimally designed to meet your specific needs.



Manufacturing & Production

We provide an extensive range of options for solar panel production lines, offering the freedom to customize your glass panel type, cell type, design, and color completely free of charge.



Installation & Construction

In Europe, we have established partnerships with various teams to provide exceptional local installation and construction services. We have over 10 years of experience and expertise, offering professional insights and comments to ensure the highest quality results.

CE CPR EN14449
EU Construction Products Regulation for laminated safety glass
TÜV IEC61215/ IEC61730
EU Electrical Regulations for Solar Modules
RoHS 2.0 Compliant
Environmentally friendly green energy label

CLASS 1B1
Glazing Safety - Pendulum test

CLASS B (S1,d0)
Reaction to Fire



Heliartec Solutions Corporation, Ltd.(Taiwan)
4F, No.245, Dong Sec.1, Guangming 6th Rd.,
Zhubei City, Hsinchu Country, Taiwan
Tel: +886 3 5601958
info@heliartec.com



Aesthetic Energy Panels

Facade, Balustrade, Skylight Applications
for BIPV Solutions



NEW | ADVANCED PV SCREEN

High Safety (PVB encapsulation)
EN 14449 Pass
EN 12600 1B1
EN 13501 B(s1, d0)
RoHS 2.0 Compliant
IEC 61215/61730

High Efficiency
130 - 170 W/m² (active area)

Privacy Protection

Moderate Transparency
for enjoying outdoor scenery
Transparency 15% - 35% (active area)

Suitable For Applications
such as balustrade, skylight, and window

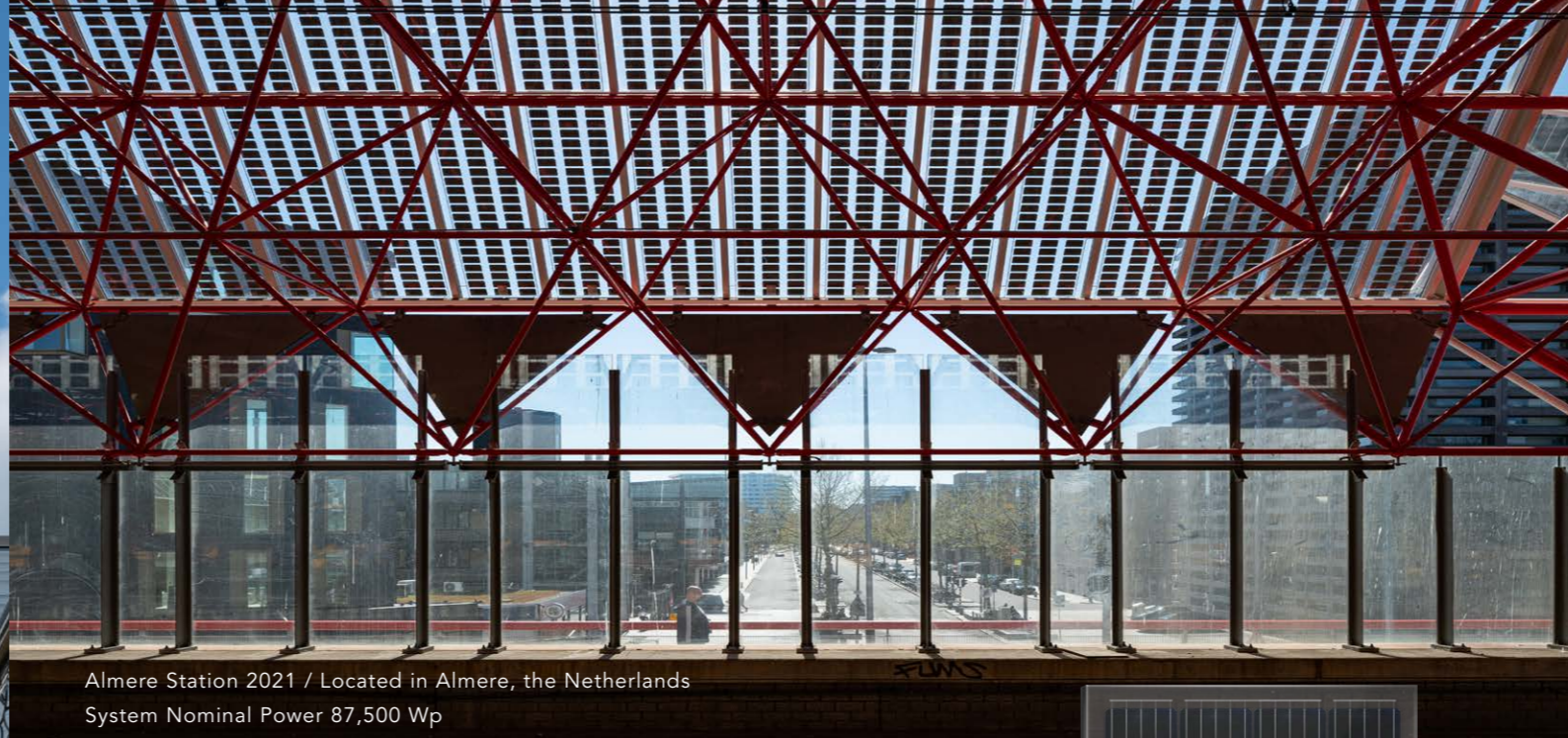
Customizable
2x5 - 2x12 (mm) glass structure
600x600 - 1500x3600 (mm)

Unlock visual openness, privacy, and energy efficiency with our tailored solutions.

COMING SOON.



Realize
your imagination



spectro CLEAR Series

70 - 200 Wp/m²

Ideal for balustrades and skylights, optimizing solar efficiency while maintaining perfect harmony between sunlight control, visual openness, and privacy.

spectro COLOR Series

100 - 170 Wp/m²

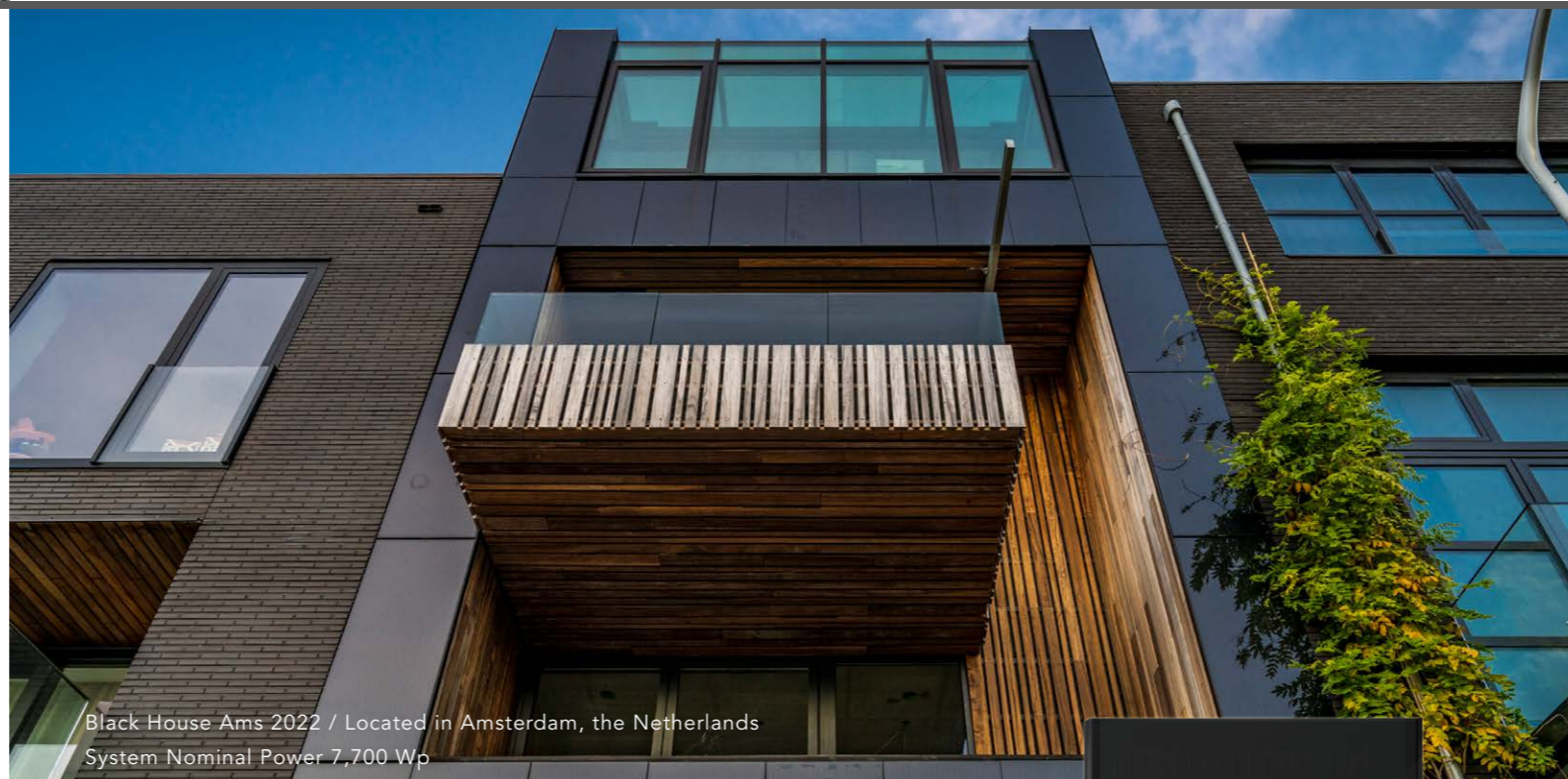
Ideal for shaping architectural aesthetics, be it minimalistic or vibrant. Opt for metallic sheen surfaces to elevate texture and enhance solar efficiency in buildings.

General Specification

Length	600mm - 3600mm (Max. 4000 mm)
Width	600mm - 1500mm (Max. 2300 mm)
Weight	28kg/m ² (5+5mm)
Front Glass	3mm - 10mm (semi)tempered glass
Rear Glass	3mm - 10mm (semi)tempered glass
Coloring Layer	Ceramic inks
Encapsulation	PVB layer
Structure	Frameless laminated safety glass

PV Characteristics

Cell Type	Mono Crystalline
Nominal Power	75 - 200 Wp/m ²
Operating Temp.	-40 °C to +85 °C
Junction Box	IP68 with potting rear side/edge side(optional)
Cable & Plugs	4mm ² /Original MC4
Warranty	10-year product workmanship 30-year color warranty 30-year power performance at 80%



spectro BLACK Series

180 Wp/m²

Elevate architectural style with maximum solar efficiency. Choose panels featuring a soft, anti-glare matte finish for enhanced livability.

spectro DESIGN Series

75 - 165 Wp/m²

Replicate the elegance of wood or stone for classic architecture. Additionally, unleash artistic expression to enhance urban aesthetics.

Full

BL03

BL02