



**SolarGaps**

Smart Solar Blinds

**Smart  
Solar Blinds**

# Our Mission



**Dear Reader,**

Over the last 3 years SolarGaps has been on a mission to make energy free and accessible to all. We are pioneering a method of energy distribution that will power the offices, homes, and cities of the future. By exploring innovative concepts and adopting new technologies, we can help move every city closer to their Net Zero goals.

It is my vision that one day, the home will not be connected to the grid; but rather, the grid will be connected to the home. This radical way of thinking will help to create a more robust, safe, and efficient energy system for America and beyond.

SolarGaps strives to design unparalleled products that are flexible, efficient, safe, and reliable. Together we can create a brighter future.

A handwritten signature in black ink, appearing to read 'Yevgen Erik'. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

**Yevgen Erik**  
CEO, SolarGaps

*"I have a vision where one day, our energy will be **free**, and the home will not be connected to the grid; but the grid will be connected to the home,"*

- Yevgen Erik  
CEO, SolarGaps

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SolarGaps for Businesses

# What We Offer

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**SolarGaps are smart blinds that automatically track the sun, producing energy while keeping your building cool.**

Installed on the outside of homes and offices, our blinds track the sun, providing active shading while generating enough energy to offset power bills up to 70%.

Customers who install SolarGaps on sunny windows see an immediate decrease in energy costs. The electricity collected from SolarGaps can be fed directly back into the building's electrical grid, or into a battery system.

Our comprehensive energy management platform allows building owners and managers to track energy usage, generation, sales, and storage. Our goal is to make energy generation as simple as possible.



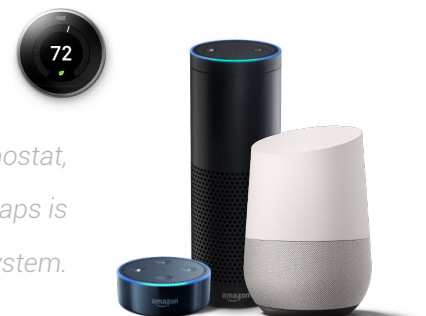
Our core

# Features

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- 1 Easily Control** SolarGaps via tablet, smartphone, Smart Switch, or remote control. Our easy to use controls allow both building managers and tenants to adjust SolarGaps.
- 2 Easily Manage** energy production and consumption with our comprehensive app. It makes reporting your energy generation simple, with tools that will bring you one step closer to Net Zero.
- 3 Easily Install** SolarGaps with our network of certified solar installation partners. These professionals work directly with you to insure a timely installation process.

*Control SolarGaps via Nest Thermostat,  
Amazon Echo, and Google Home; SolarGaps is  
a fully-integrated Smart Home system.*





## SmartPhone

Our simple to use application operates SolarGaps with the press of a button



## SmartSwitch

SolarGaps can be installed with an interior SmartSwitch for app-free control  
- optional -



## SmartHome

SolarGaps is fully integrated with Nest, Amazon Echo, and Google Home, so opening your blinds is as simple as asking.



## Remote

A wireless remote can add an extra option for app-free control, perfect for guests  
- optional -

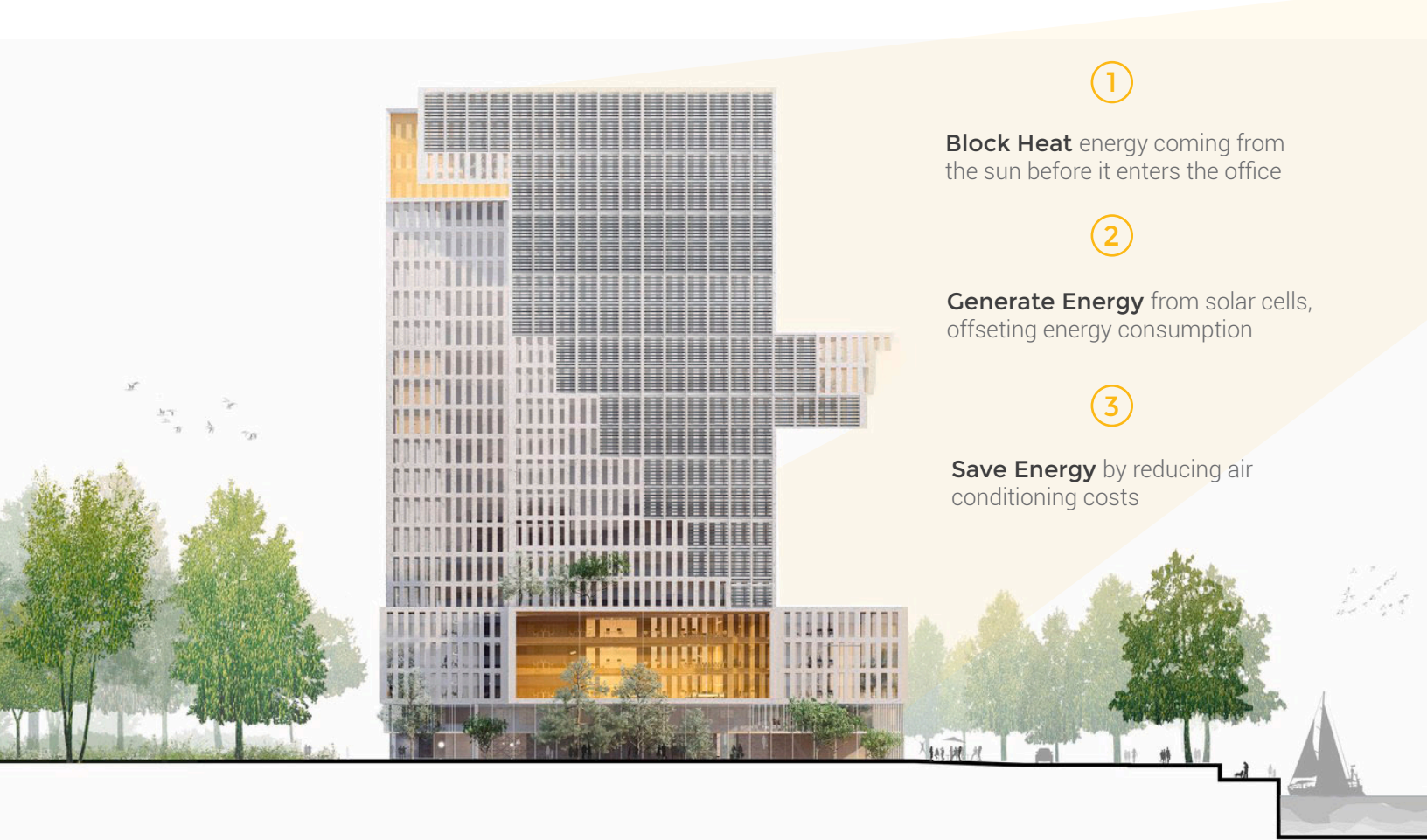
# Competitive Edge

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**SolarGaps is the only solar solution that shades and generates energy, automatically.** Traditional rooftop systems do not address the massive energy waste caused by air conditioning. With SolarGaps, we boost energy efficiency by actively shading your office, **approaching ROI up to 3X faster** than traditional rooftop solar.

- 1 Active Shading** alone reduces energy bills up to 20% according to the US Department of Energy. Because SolarGaps track the sun, they provide constant shade all day long.
- 2 Generating energy** with the worlds most efficient certified SunPower cells can offset up to 50% of your electric bill. These silicon photovoltaic cells provide an impressive 23.3% efficiency, the highest on the consumer market.
- 3 Vertical Installation** on windows and walls allows buildings with small footprints to offset a significant amount of their energy consumption, while still allowing space for additional rooftop solar installations.





①

**Block Heat** energy coming from the sun before it enters the office

②

**Generate Energy** from solar cells, offsetting energy consumption

③

**Save Energy** by reducing air conditioning costs

## Green Building Certification

**SolarGaps is becoming one of the most recognized names in solar.**

Our company is actively pursuing partnerships with DGNB, BREEAM, and LEED to ensure our solutions are backed by accredited standards worldwide. With SolarGaps, your building can become one step closer to Net Zero.



## Product

# Details

	<b>S</b>	<b>M</b>	<b>L</b>	<b>XL</b>
Width	32" - 38"	39" - 56"	57" - 70"	71" - 86"
Total Weight (per meter of length)	12 lbs	16 lbs	18 lbs	22 lbs
LEED & Bream	Y	Y	Y	Y
Energy Production (per meter of length)	<b>80W</b>	<b>100W</b>	<b>120W</b>	<b>140W</b>

*\*Installing SolarGaps inside your office is a simple, low-cost option. Because UV light is blocked by most windows, this causes a decrease in energy production yields.*

## Colors



Silver



White



Black



Custom\*

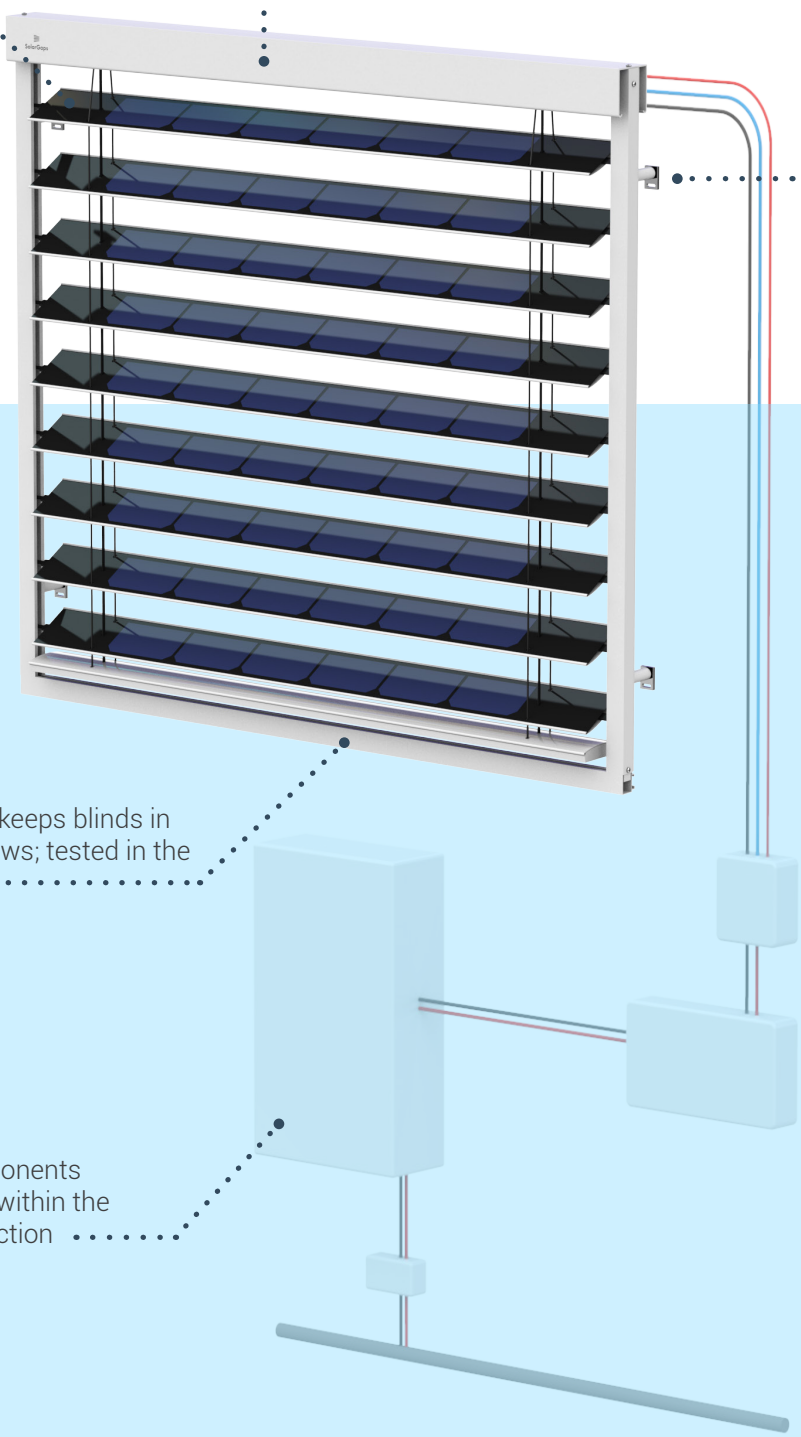
Sturdy German-made motor operates in -20F temperatures

Solar panels track the sun and generate electricity

Low-damage brackets ensure a secure installation to drywall and concrete

Robust aluminum frame keeps blinds in place and protects windows; tested in the market for 15+ years

Wiring and electrical components can be completely hidden within the building's existing construction



SolarGaps

# Installation

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1

**Overhung** installation allows a completely clear view when fully retracted. It requires additional space at the top and sides of the window for installation.

2

**Flush** installation allows a partially clear view when fully retracted. Flush mount units use the least amount of space surrounding the window, for a streamlined look.

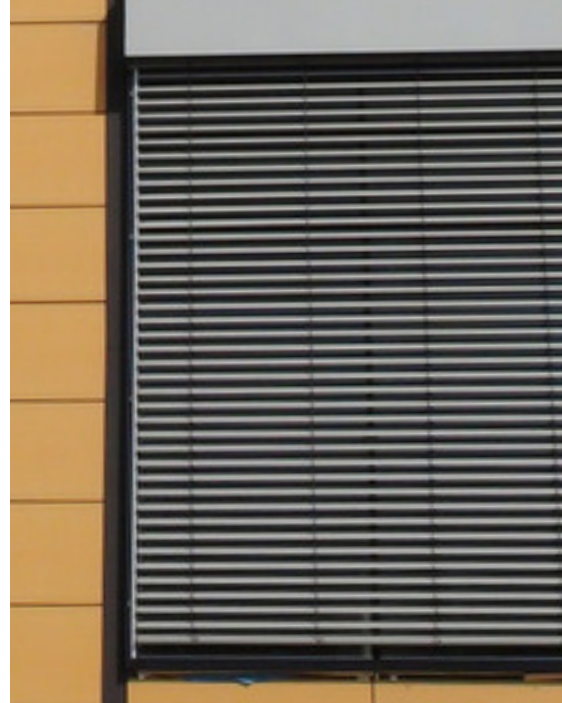
3

**Innerhung** installation requires a pocketed window and provides a partially clear view when retracted.

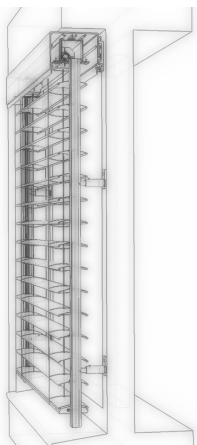




**Head Box** mounting creates a secure, durable connection, protecting the window from snow and wind. Blinds fully retract for a clean concealed appearance.



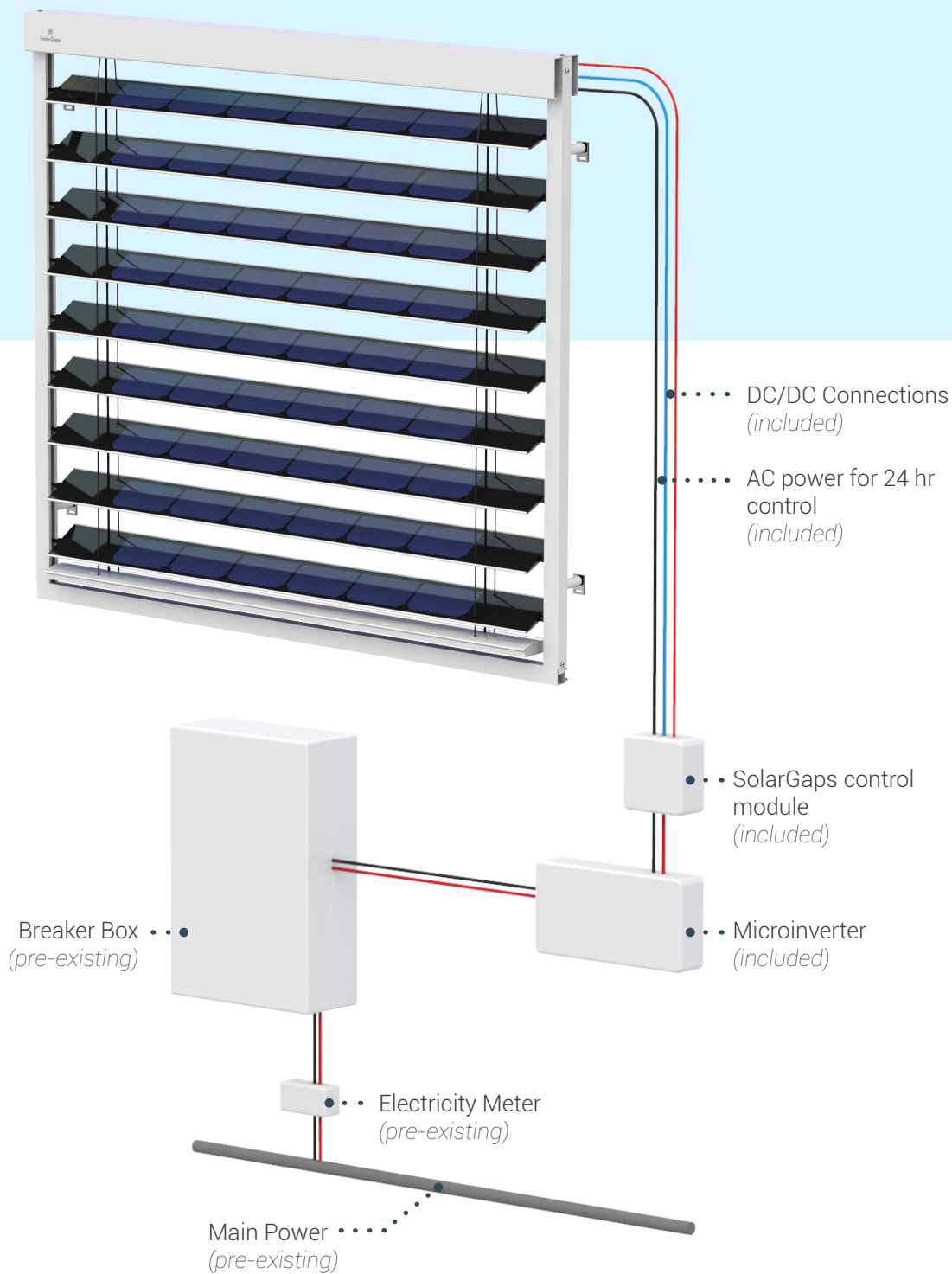
**Steel Cable** mounting eliminates thick crossbars for a minimal, clean appearance, while still ensuring a secure attachment in wind.



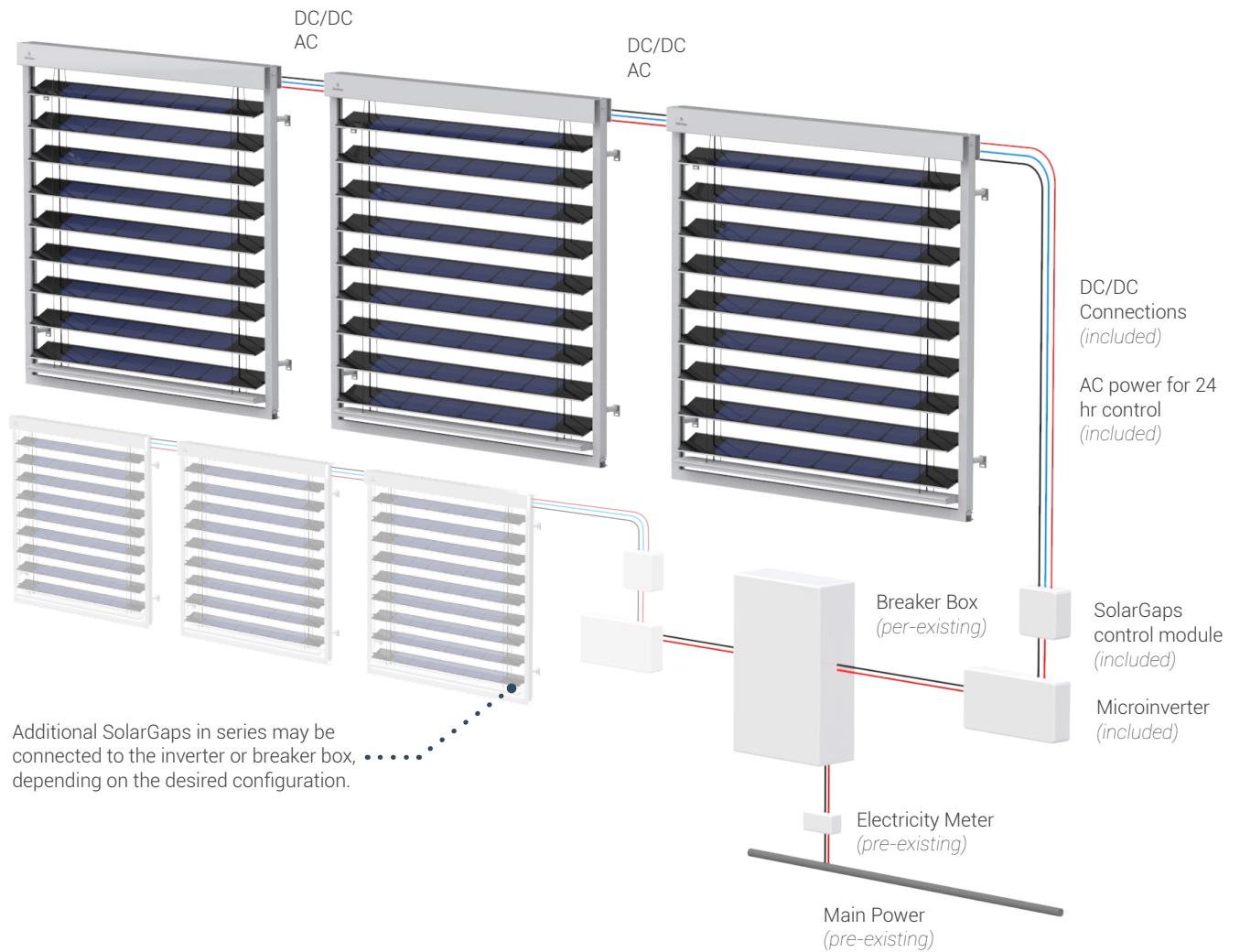
**Quick Mount System** allows a secure, streamlined point of attachment ideal for units that require seasonal relocation.



# Single Installation



# Series Installation



**Total Watts**  
(in series)

300-600

600-1000

1000-1500

1500-2500

**Suggested Inverter**  
(included)

NEP-BDM600

Custom

Custom

Custom

Customer

# Testimonials

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"Our commercial clients will see drastically reduced energy bills because they now have the ability to generate electricity as the sun hits the side of their buildings. Previous to Solargaps, they were limited to the surface area of the roofs of their buildings to install solar panels on. Now they can use the sides of their buildings as well,"

- David, CA







"We believe SolarGaps has the potential to reach one billion people in the next decade. Advancing technologies like these are pivotal to combating global warming,"

- Singularity University



# SolarGaps Worldwide

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**2015**

Founded by CEO  
Yevgen Erik



**Early 2016**

First Patent Filed  
Pilot Program Launched



**Late 2016**

Graduated from IoT Hub Accelerator  
Established the USA office

Awards

17

Countries

20

Partnerships

3

Distributors

32

Customers

550+



**Early 2017**

Kickstarter & Indiegogo  
Graduated from  
NASA's Singularity University



**Late 2017**

Top 3 Silicon Valley Startups  
Backed by EU's Horizon 2020  
Featured at CES 2018  
Graduated from HAX Accelerator



**2018**

Beginning Full-Scale Manufacturing  
Accepting First Business Clients



## Smart Solar Blinds

[www.solargaps.com](http://www.solargaps.com)

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