



LOSBERGER DE BOER



Solar4Rental

Empowering Your Vision

partner



A Compelling Solution

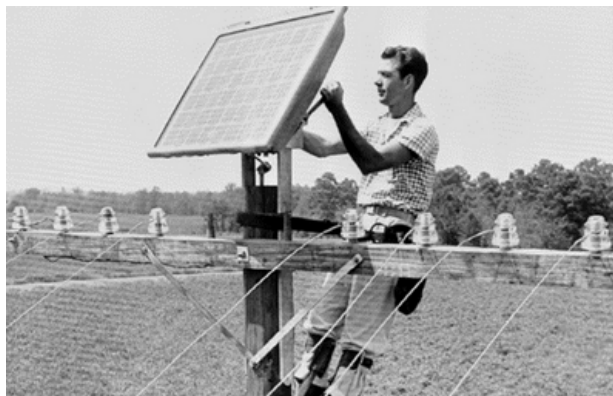
To support businesses in both the short and long term to reduce their energy costs and become more sustainable, we proudly introduce Solar4Rental: an innovative solution that allows for the integration of solar panels into our rental structures. Whether you're organizing an event or seeking a sustainable energy solution for the longer term, Solar4Rental offers the opportunity to enhance your renewable energy efforts while saving costs.



The Transition to Climate Neutral Structures

This system has been specifically developed to facilitate the transition to climate-neutral rental structures, with every detail designed from the perspective of our clients' challenges and desires. With Solar4Rental, you gain access to clean energy and take a significant step towards hosting events that are both inspiring and responsible.

Solar energy presents a compelling solution for transitioning to sustainable energy sources, thanks to its dual benefits of cost savings and environmental sustainability.



Solar Panels on Buildings: a Logical Next Step

Utilizing solar panels as a sustainable source of energy for semi-permanent structures is a logical step, as solar panels have been around for several decades (with the earliest forms of solar cells dating back to the late 19th century).

Less efficient variants of the modern photovoltaic (PV) solar panels that we commonly see today have been in commercial use since the 1950s.

Helping You Align With Sustainability Goals



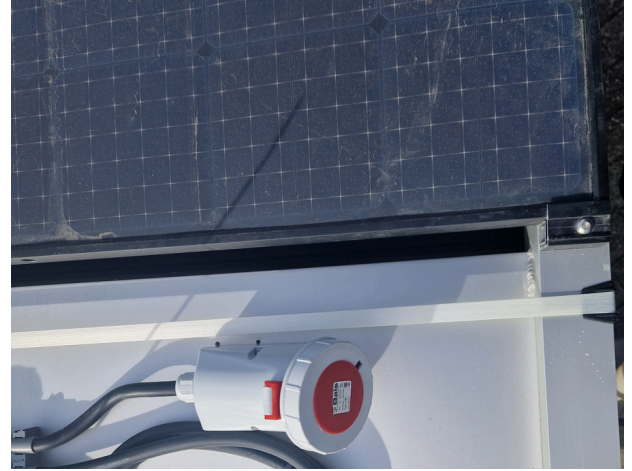
Losberger De Boer has explored a rental solution designed to fit semi-permanent structures with PVC roof coverings, prioritizing safety, rental suitability, and the development of a standardized product as key principles.

Additionally, cost savings and integration into a circular energy system stand out as essential aspects. Solar energy, as a clean and renewable source, produces no greenhouse gas emissions or air pollutants during operation, unlike fossil fuels. By reducing dependence on fossil fuels, solar energy aids in combating climate change and air pollution, aligning with global sustainability goals such as SDG 7 (Affordable and Clean Energy) and SDG 13 (Climate Action).

Eliminate the use of fuel-consuming generators

Energy generated by solar panels with a power output of >355 Watts can be used immediately on the grid. Solar panels offer significant long-term cost savings by reducing or eliminating standard fuel consumption with generators, as sunlight is a free and abundant resource. This results in avoiding the use of traditional diesel generators and therefore quickly reduces CO2 emissions.

A cost-saving aspect that can be measured is that, on average, the running cost of a generator is € 1 per kWh, and diesel most often costs between € 1.50 and € 2 per litre.

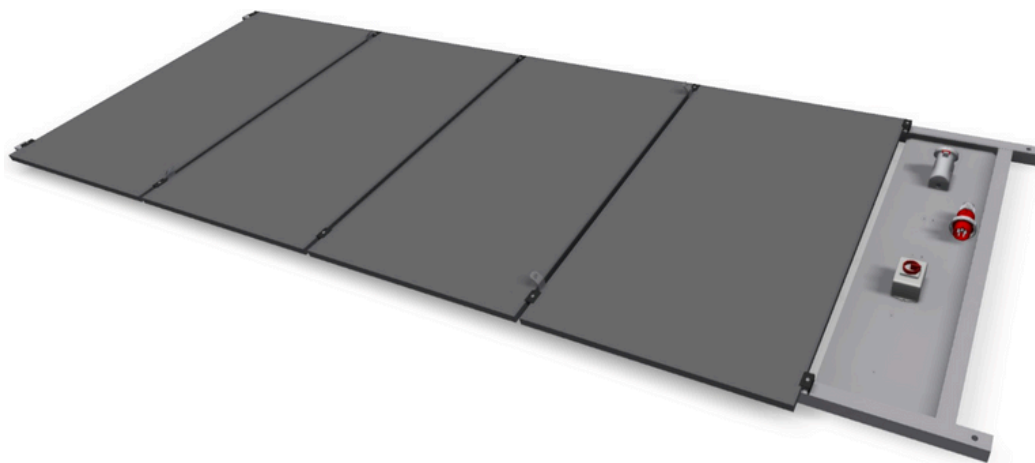


A viable option to reduce emissions

The goal is to offer businesses a sustainable and viable option to reduce CO2-emissions related to our work and to contribute to a better environment.

By mounting solar panels on semi-permanent buildings, you can use the output for the power needs of the venue. In combination with generators using HVO100 green fuel and/or electric power supplies using green energy, you can even create a completely 'green' event experience.

In conclusion, deploying solar panels for sustainable energy usage offers a win-win solution, delivering both economic benefits through cost savings and environmental advantages through reduced carbon emissions and enhanced sustainability.



Why choose Solar4Rental?

Choosing Solar4Rental offers a direct path to reducing the carbon footprint of your structure. This solution not only provides a sustainable energy source but also enhances your brand's eco-friendly image—a crucial aspect for both business owners and their stakeholders in today's environmentally conscious world.

Our Circular Practices and Sustainability Achievements

Our commitment to circular practices is fundamental to our operations, focusing on designing products that are durable, repairable, and recyclable. This commitment extends to embracing strategies such as reuse, remanufacturing, and recycling, underscoring our dedication to environmental stewardship.

While we are honored to have recently received the **Gold Medal rating from Ecovadis**, it's important to note that our journey towards sustainability is ongoing. This recognition underscores our initial steps in incorporating CSR principles into our operations. Although our procurement policies are evolving to prioritize circularity, we acknowledge that they are still a work in progress. Our aim is to gradually shift towards more circular practices in both procurement and design. We recognize the importance of aligning our efforts with global sustainability goals, including those outlined in the Environmental, Social, and Governance (ESG) criteria.



The Commercial Value of Sustainable Energy

The commercial value of sustainable energy extends far beyond its environmental benefits. It encompasses the ability to deliver significant cost savings, forge new market opportunities, attract investments, and enhance a brand's reputation.

Sustainable energy solutions are designed not only with durability, repairability, and recyclability in mind but also to ensure businesses stay ahead in the competitive landscape, including compliance with the Corporate Sustainability Reporting Directive (CSRD). This proactive approach enhances brand recognition, ensuring businesses are compliant with legal requirements and effectively mitigate risks associated with environmental and social issues.

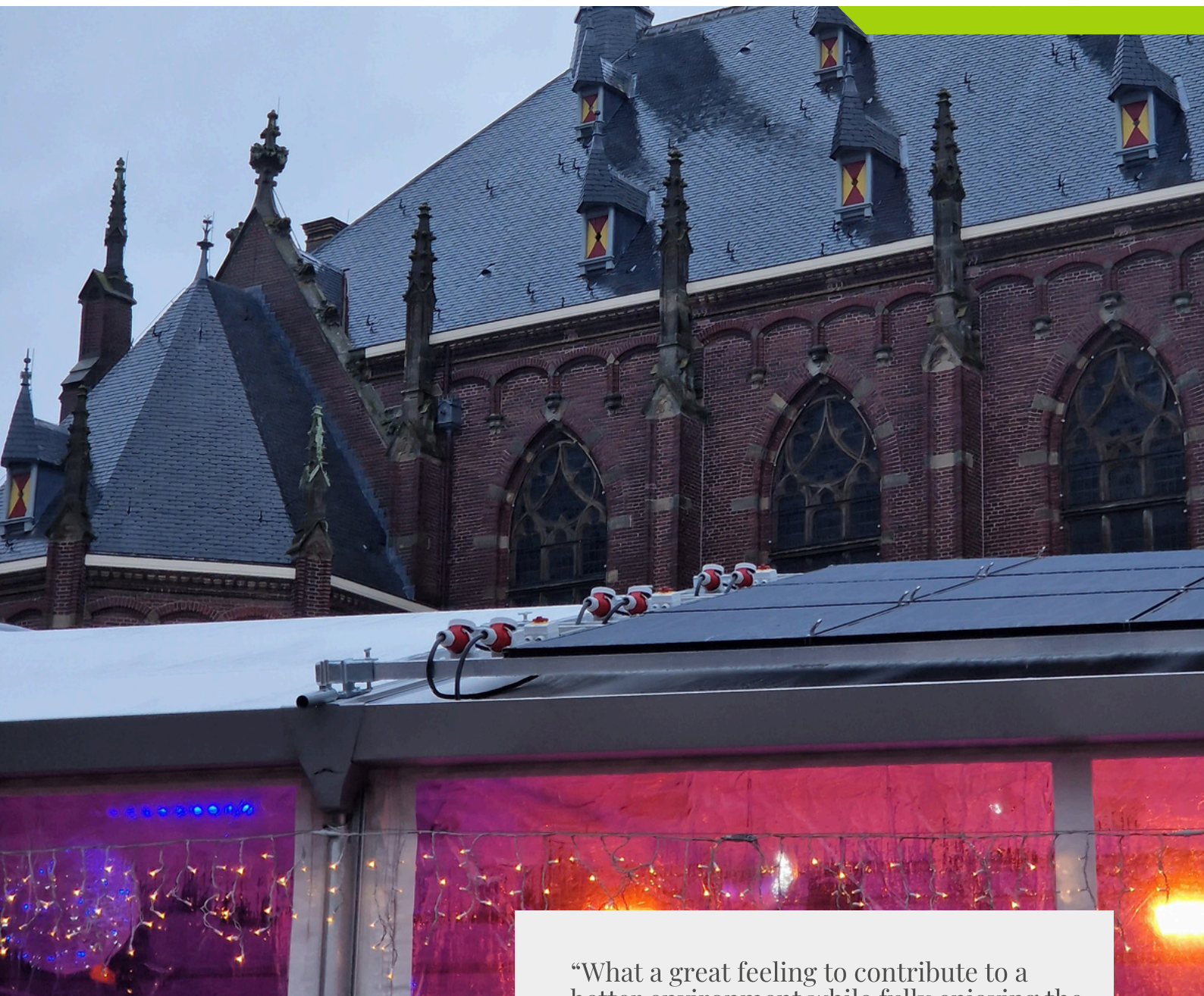
Together, these elements contribute to driving economic growth and prosperity in a manner that is sustainable and forward-thinking.



Differentiating Our Solar Solutions from the Competition

In the landscape of solar energy solutions tailored for outdoor events and semi-permanent setups, our offerings stand out. Our competitors provide solar solutions utilizing standard solar technology that typically include hybrid solutions, bio-solar hybrid generators, non-circular and heavyweight solar panels, and foldable units equipped with solar capabilities. Despite doing its job, these solutions are not necessarily suitable for semipermanent rental structures. The panels that are used in Solar4Rental are distinct as they are circular and light-weight, which makes them suitable to install on a PVC surface.





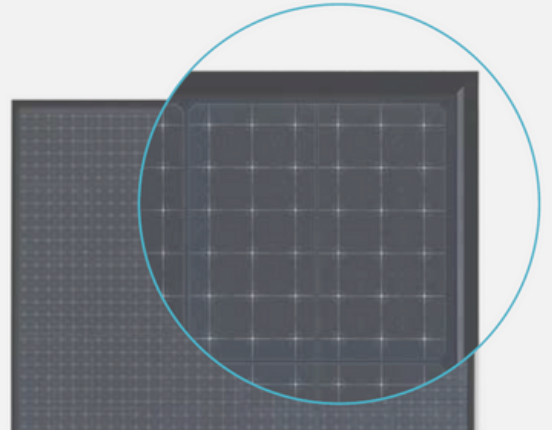
“What a great feeling to contribute to a better environment while fully enjoying the event. With in the end a cost saving as a result.”

”

Technical specifications


The rentable Solar panel is a modular rental product made available by Losberger De Boer and its partner SolIndustry.

It is a unique, light weight solar panel that complies with all quality standards. The perfect solar panel to install on modular structures with PVC roof.



Key Performance Indicators

MAXIMUM KWH YIELD PER M2	Higher yield in low-angle situation, 3% more active surface (MWT), high scratch, UV and hydrolysis resistance, cell design and cell performance result in exceptionally low LID impact.
MICROCRACK SAFE	The MWT back-contact design marginalizes the effect of microcracks and hotspots to an absolute minimum. 61 active contact points per cell (3660 at panel level).
SUSTAINABILITY	Cadmium-free, lead-free cell compound, fluorine free (backsheet and cables junction box), PFAS free, (backsheet), lightweight components from recycled and recyclable PET
LOW WEIGHT	4,08 kg/m2, ex converter
EASY TO INSTALL	Two person installation with 1 frame designed for 4 panels at the time, max 4 frames per roofside possible
PREMIUM WARRANTY	Warranty on solar panel and the high power output



Committed to your success

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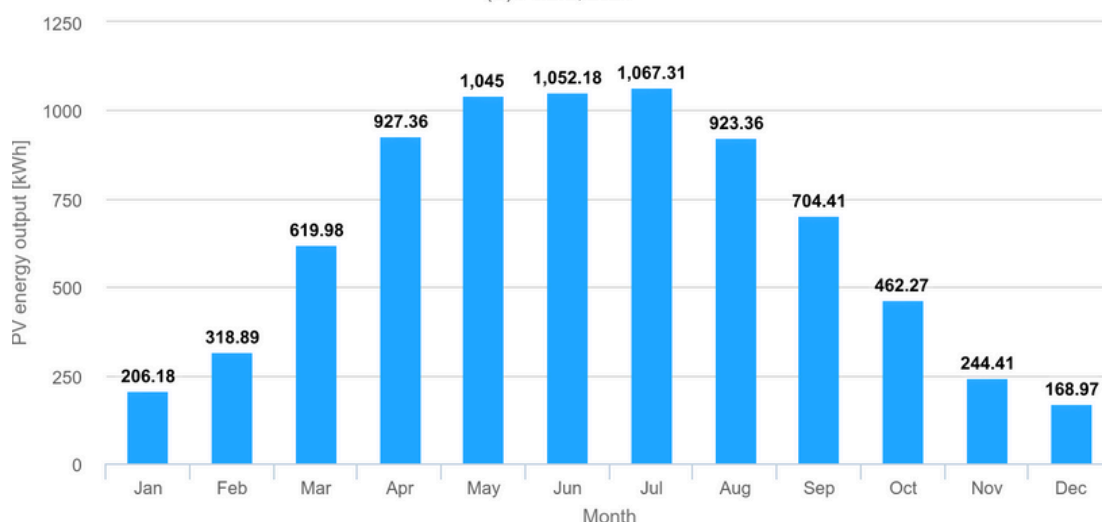
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Utrecht

- 1 frame holds 4 solar panels
- MOQ 6 FRAMES = 24 Solar panels
- Power output per panel is 355 Wp x 24 = 8520 Wp
- € 1,- per kWh power saved for the generator

Jan	206
Feb	318
Mrt	619
April	927
May	1045
June	1052
July	1067
Aug	923
Sept	704
Okt	462
Nov	244
Dec	168

Monthly energy output from fix-angle PV system
(C) PVGIS, 2024



Savings per 6 frames

Save up to 7.735 kWh p/yr
equals € 7.735,-



Save 2.746 Co2
= 131 trees per year



Power output of the system
Year 1

Electricity price
€ 0,40

Energy production
7.735 kWh

Yearly output
€ 3.094,-

* Output figures are indications based on south orientation | Location: Utrecht



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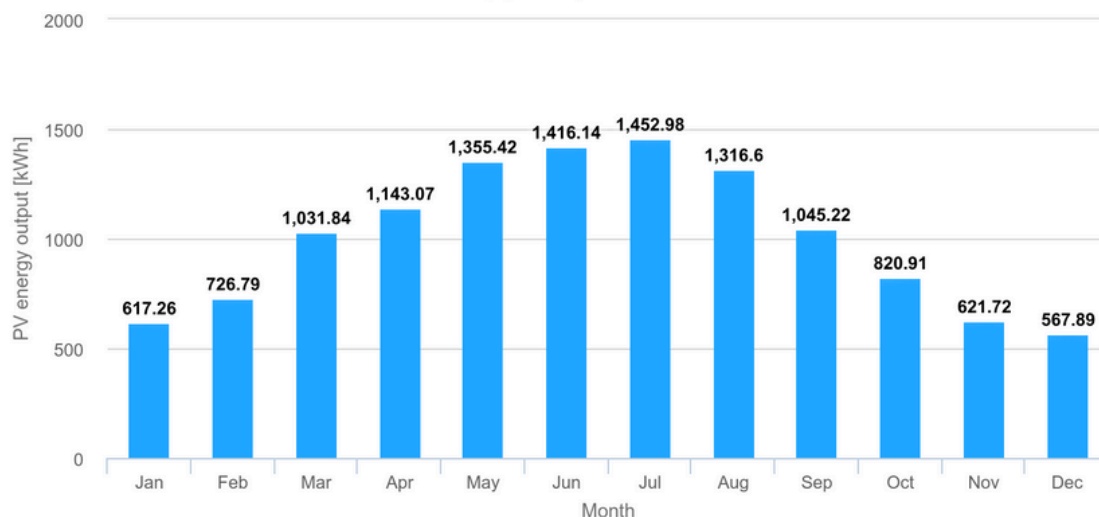
Barcelona

- 1 frame holds 4 solar panels
- MOQ 6 FRAMES = 24 Solar panels
- Power output per panel is 355 Wp x 24 = 8520 Wp
- € 1,- per kWh power saved for the generator

Jan	617
Feb	726
Mrt	1032
April	1143
May	1355
Jun	1416
July	1452
Aug	1316
Sept	1045
Okt	820
Nov	621
Dec	567

Monthly energy output from fix-angle PV system

(C) PVGIS, 2024

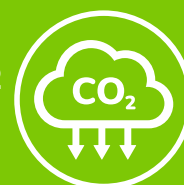


Savings per 6 frames

Save up to 12.110 kWh p/yr equals € 12.110,-



Save 3.934 Co2 = 205 trees per year



Power output of the system
Year 1

Electricity price
€ 0,40

Energy production
12.110 kWh

Yearly output
€ 4.844,-

* Output figures are indications based on southern orientation | Location: Barcelona



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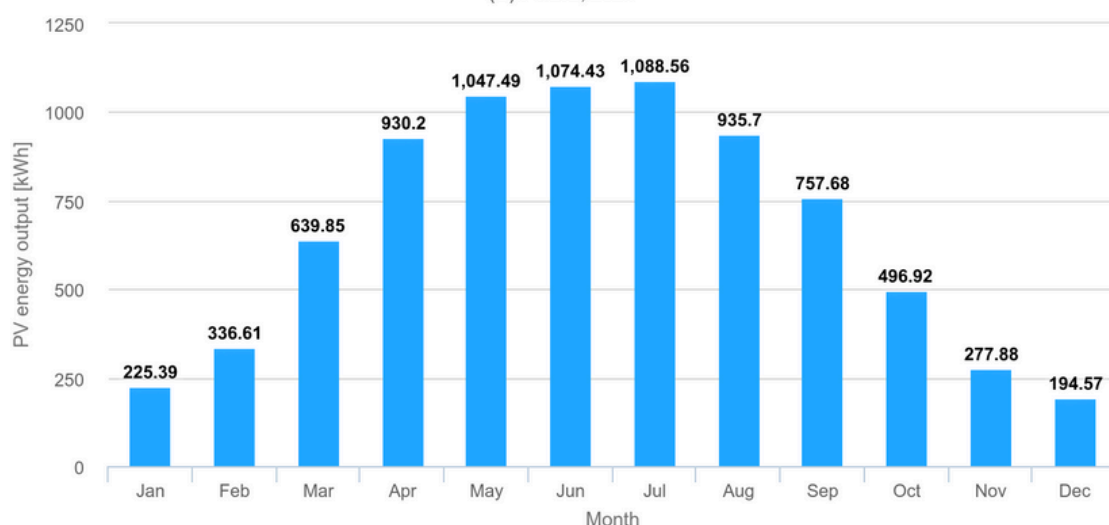
Brussels

- 1 frame holds 4 solar panels
- MOQ 6 FRAMES = 24 Solar panels
- Power output per panel is 355 Wp x 24 = 8520 Wp
- € 1,- per kWh power saved for the generator

Jan	225
Feb	336
Mrt	639
April	930
May	1047
June	1074
July	1088
Aug	935
Sept	757
Okt	496
Nov	277
Dec	194

Monthly energy output from fix-angle PV system

(C) PVGIS, 2024

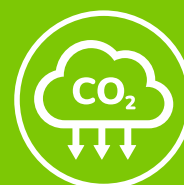


Savings per 6 frames

Save up to 7998 kWh p/yr equals €7998,00



Save 2839 Co2 = 135 trees per year



Power output of the system
Year 1

Electricity price
€ 0,40

Energy production
7.998 kWh

Yearly output
€ 3.199,20

* Output figures are indications based on southern orientation | Location: Brussels



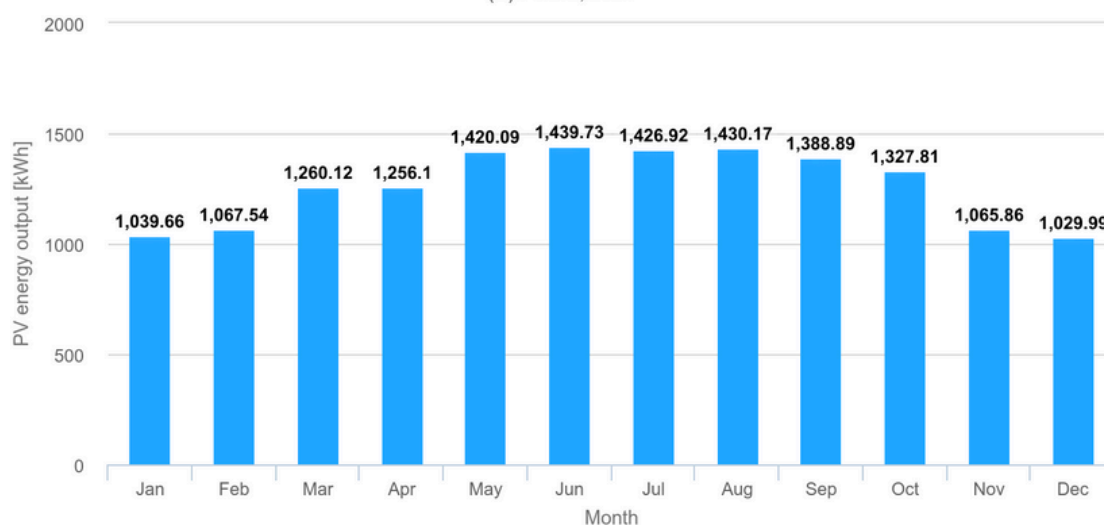
Doha

- 1 frame holds 4 solar panels
- MOQ 6 FRAMES = 24 Solar panels
- Power output per panel is 355 Wp x 24 = 8520 Wp
- € 1,- per kWh power saved for the generator

Jan	1039
Feb	1067
Mrt	1260
April	1256
May	1420
June	1439
July	1426
Aug	1430
Sept	1388
Okt	1327
Nov	1065
Dec	1029

Monthly energy output from fix-angle PV system

(C) PVGIS, 2024

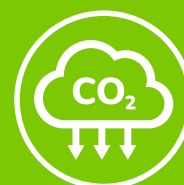


Savings per 6 frames

Save up to 15146 kWh p/yr equals € 15.146,-



Save 5.377 Co2 = 256 trees per year



Power output of the system
Year 1

Electricity price
€ 0,40

Energy production
15.146 kWh

Yearly output
€ 6.058, 40

* Output figures are indications based on southern orientation | Location: Doha



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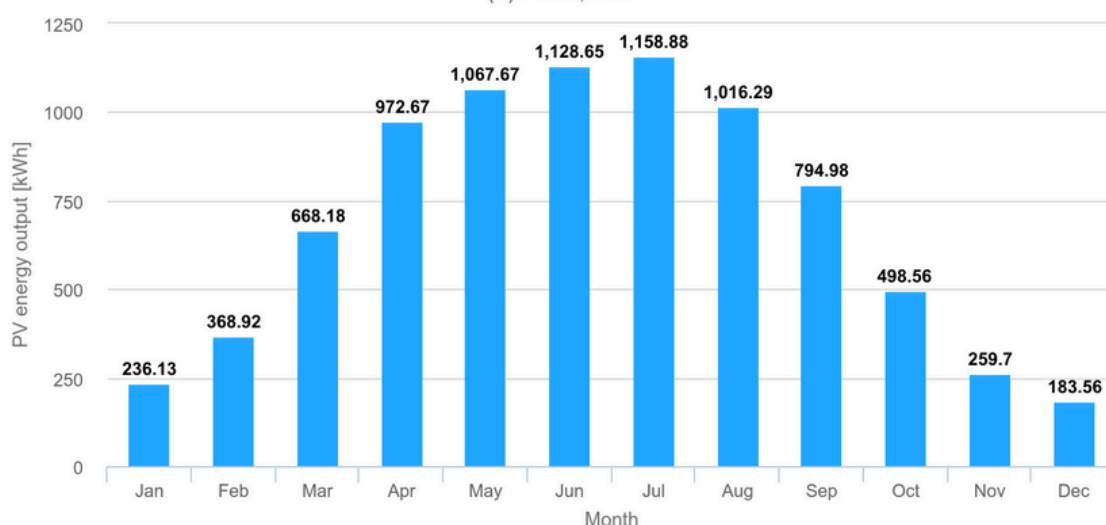
Frankfurt

- 1 frame holds 4 solar panels
- MOQ 6 FRAMES = 24 Solar panels
- Power output per panel is 355 Wp x 24 = 8520 Wp
- € 1,- per kWh power saved for the generator

Jan	236
Feb	368
Mrt	668
April	972
May	1067
June	1128
July	1158
Aug	1016
Sept	794
Okt	498
Nov	259
Dec	183

Monthly energy output from fix-angle PV system

(C) PVGIS, 2024

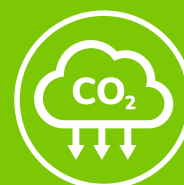


Savings per 6 frames

Save up to 8.347 kWh p/yr equals € 8.347,-



Save 2.963 Co2 = 141 trees per year



Power output of the system
Year 1

Electricity price
€ 0,40

Energy production
8.347 kWh

Yearly output
€ 3.338, 80

* Output figures are indications based on southern orientation | Location: Frankfurt



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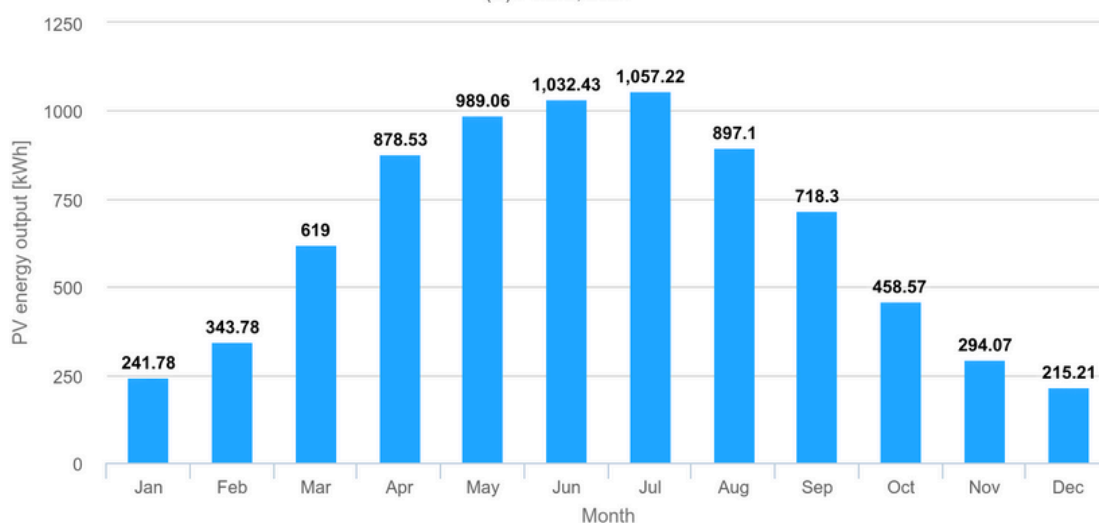
London

- 1 frame holds 4 solar panels
- MOQ 6 FRAMES = 24 Solar panels
- Power output per panel is 355 Wp x 24 = 8520 Wp
- € 1,- per kWh power saved for the generator

Jan	241
Feb	343
Mrt	619
April	878
May	989
June	1032
July	1057
Aug	897
Sept	718
Okt	458
Nov	294
Dec	215

Monthly energy output from fix-angle PV system

(C) PVGIS, 2024

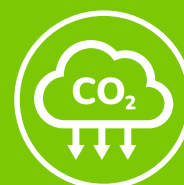


Savings per 6 frames

Save up to 7.741 kWh p/yr equals € 7.741,-



Save 2.748 Co2 = 131 trees per year



Power output of the system
Year 1

Electricity price
€ 0,40

Energy production
7.741 kWh

Yearly output
€ 3.096, 40

* Output figures are indications based on southern orientation | Location: London

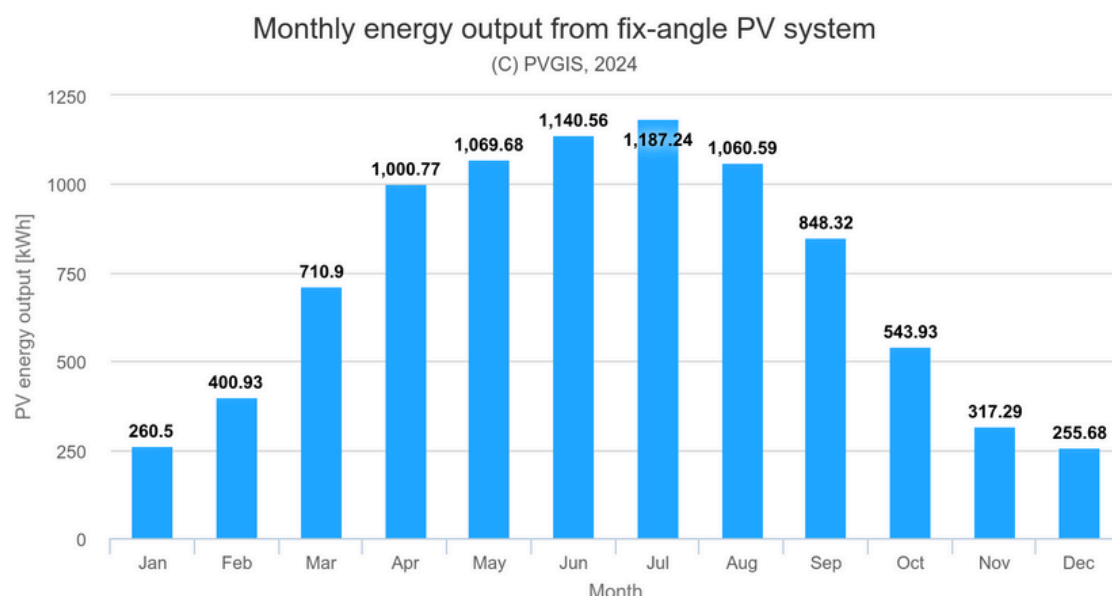


Solar4Rental | Anova

Paris

- 1 frame holds 4 solar panels
- MOQ 6 FRAMES = 24 Solar panels
- Power output per panel is 355 Wp x 24 = 8520 Wp
- € 1,- per kWh power saved for the generator

Jan	260
Feb	400
Mrt	710
April	1000
May	1069
June	1140
July	1187
Aug	1060
Sept	848
Okt	543
Nov	317
Dec	255

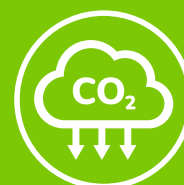


Savings per 6 frames

Save up to 8.789 kWh p/yr equals € 8.789,-



Save 3.120 Co2 = 149 trees per year



Power output of the system
Year 1

Electricity price
€ 0,40

Energy production
8.789 kWh

Yearly output
€ 3.515, 60

* Output figures are indications based on southern orientation | Location: Paris