

SOLARSTONE

Solar Full Roof

Solar Full Roof is a modern 2-in-1 roofing material that integrates solar technology into any roof, reducing both material and labor costs. We also promise that your new Solarstone roof will add character and style to your home's design.



Hello Homeowner, Builder, or Roofer!



Solar technology is more affordable than ever, and it's here to stay. With fluctuating energy prices, rising grid fees, taxes and increasing household energy needs - it is the time to take control of household utility costs and become more sustainable by producing your own solar electricity.

Our mission is to deliver significant cost savings to every household. Solar roof-generated electricity offers greater rewards when used directly in your home, rather than relying on the grid or even selling power back to it.

It's neither reasonable nor cost-effective to build a new roof or renovate an old one with conventional materials, only to install standard solar panels later. If your roof needs replacement or renovation within 3-5 years, installing panels now will lead to extra costs for removal and reinstallation.

With Solarstone's 2-in-1 solution - advanced roofing material that integrates solar power - you get both roof and solar power plant in one. Our Solar Full Roof system eliminates double installation and material costs, while seamlessly combining aesthetics with efficiency.

We believe that already today, every household has the potential to meet a large portion, if not all, of its energy needs, and we're committed to making that a reality.

Please remember, our roofs are affordable but never cheap. We use high-quality materials and technology to ensure the longevity of your home, providing the best value over time. Our certified partners are carefully selected for their strong track records, expertise, and reliability.

Don't hesitate to reach out to us or our trusted partners for more information.

Best regards,
Solarstone team



2-in-1 solution

A roof that combines roofing material and solar technology into one perfect product.



Elegant & beautiful

A solar roof that adds to your home's design and aligns perfectly with your architect's vision.



Warranty

25-year performance warranty and 10-year product warranty for your peace of mind.



Easy to install

A typical Solar Full Roof installation will take only a few days. The entire system is quick and easy to install - making the process straightforward and efficient.



Increased property value

Real estate experts confirm that a solar roof can significantly increase your property's market value.



Weatherproof

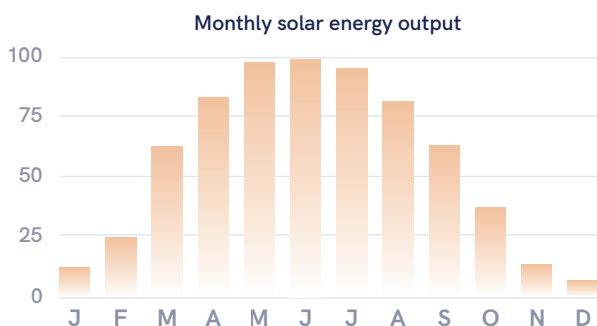
Our products are safe and tested, making them **weatherproof** to snow, ice, hail and wind.





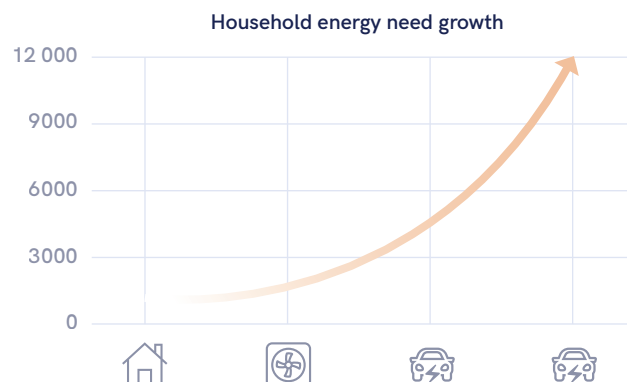
Is there enough sun in the UK?

In the UK, using London as an example, there are approximately 1,400 to 1,600 hours of sunlight per year. With a total of 8,760 hours in a year, solar panels produce electricity for about 16-18% of the time annually. During the winter months (November, December, January) the shorter days and lower solar radiation intensity result in reduced productivity for the panels compared to other months.



Is it worth the investment?

People say a solar roof investment never pays off, but let's be honest - when has any roof ever paid for itself? The real question is: what happens if you don't have or plan a solar roof? With electric vehicles (cars, scooters, bicycles), heat pumps and other electricity-using appliances becoming more common - the need for energy is only going to increase.



One or both sides?

While north-facing panels produce around 53% less energy than south-facing ones, they still generate up to 47% more energy than a roof without solar panels. The Solar Full Roof concept covers all sides, ensuring a consistent energy supply, regardless of where the sun rises or if clouds shade part of the roof - reducing reliance on the grid.



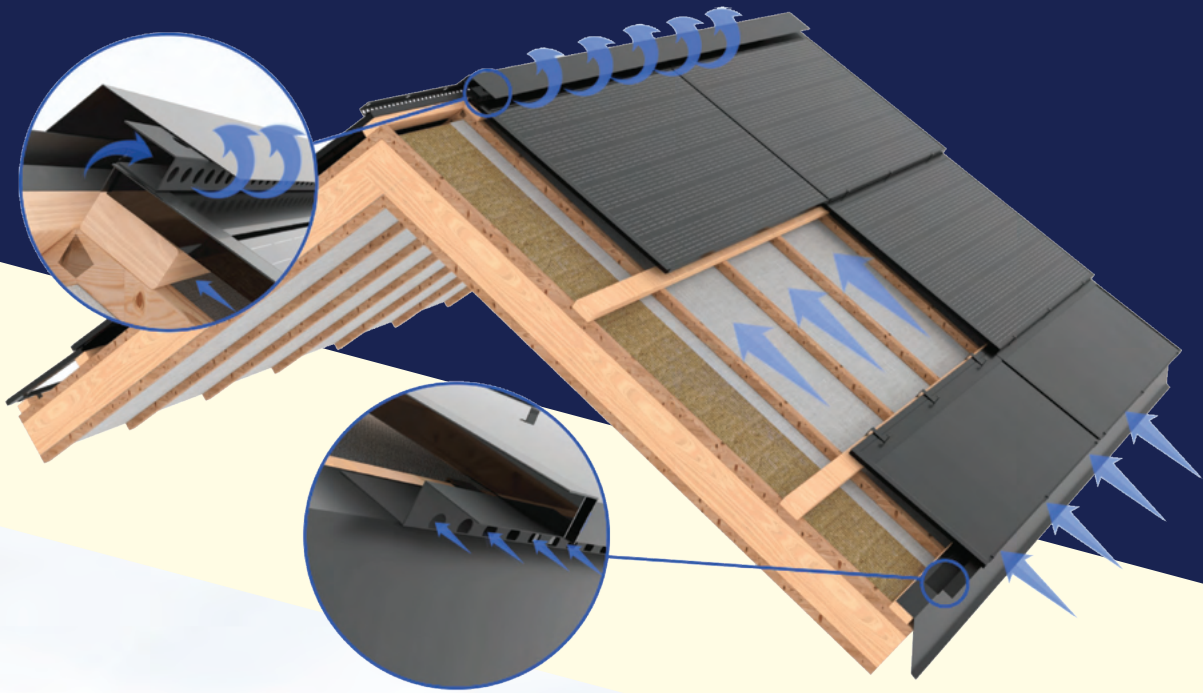
Installed Peak Power and Annual PV Energy Output 1 kWp PV-panels, roof slope 35°			
NORTH	~500 kWh 45%	WEST	EAST
SOUTH	~920 kWh 100%	~720 kWh 77%	~740 kWh 75%
~1 420 kWh		~1 460 kWh	

Roof-top solar PV-panels		Solar Full Roof	
10 kWp roof-top PV-panels on South side production ~9.200 kWh yearly	No panels on North side	10 kWp Solar Full Roof on South side production ~9.200 kWh yearly	10 kWp Solar Full Roof på norra sidan producerar ~4.200 kWh/År
10 kWp roof-top PV-panels only on South side energy production ~9.200 kWh yearly		20 kWp Solar Full Roof on South & Nord side energy production ~14.200 kWh/Yr	
10 kWp roof-top PV-panels on West side production ~7.200 kWh yearly	No panels on East side	10 kWp Solar Full Roof on West side production ~6.400 kWh yearly	10 kWp Solar Full Roof on East side production ~6.300 kWh yearly
10 kWp roof-top PV-panels only on West side energy production ~7.200 kWh yearly		20 kWp Solar Full Roof on West & East side energy production ~12.700 kWh/Yr	

Ventilation

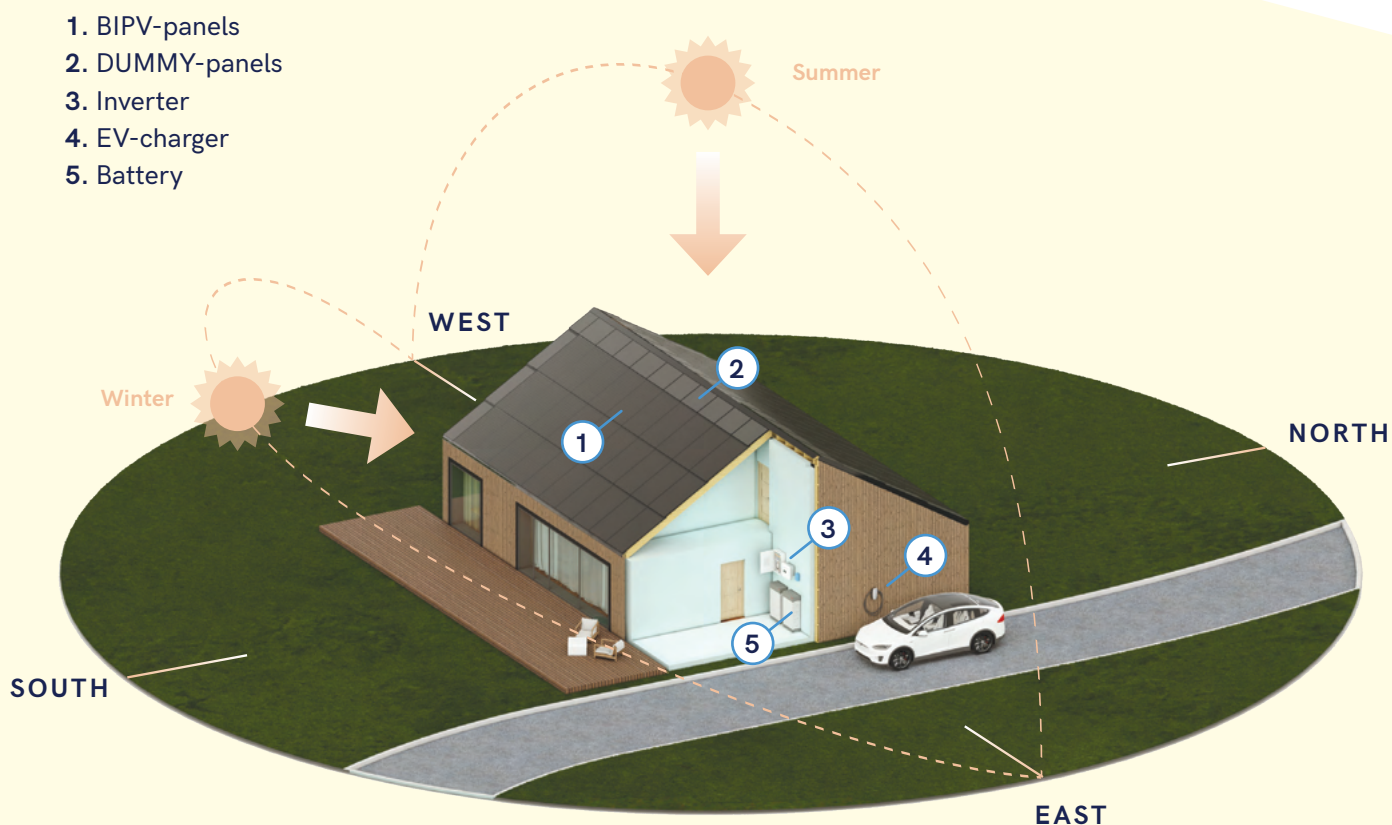
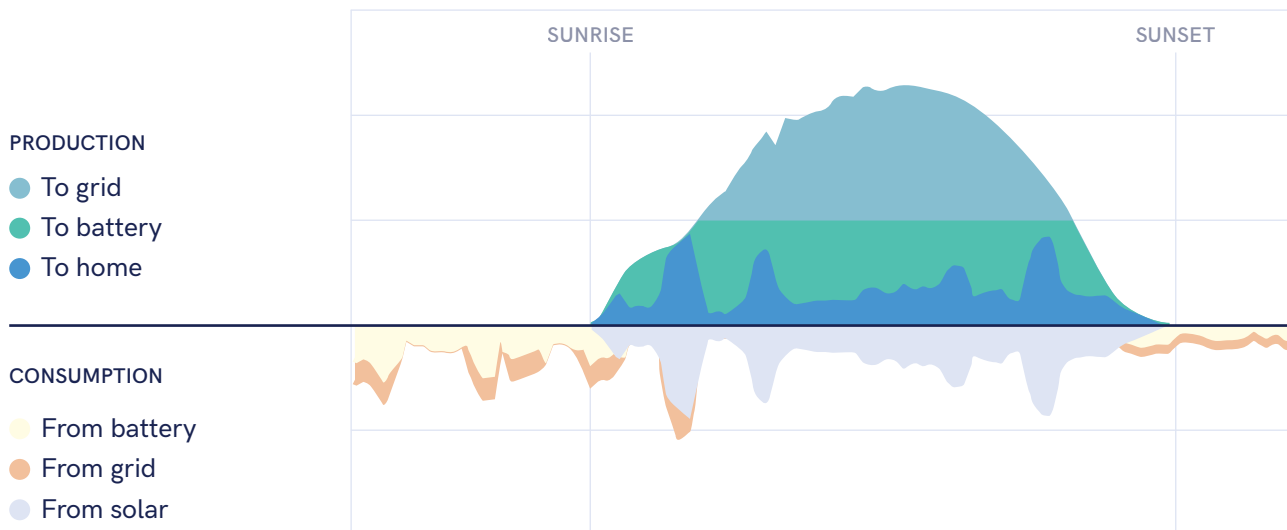
During hot summer months, solar panel efficiency can drop by 10% to 25% due to overheating. Proper ventilation is key to maintaining both roof health and solar energy production.

Solarstone's globally patented solution creates ventilation gaps at the ridge and eaves, preventing moisture buildup, extending the roof's lifespan, and optimizing energy output. Without proper ventilation, condensation can lead to rot, mold and premature roof failure.



Is it mandatory to store excess energy?

Efficiently managing surplus energy is essential, especially when grid companies limit how much you can sell back or when electricity prices are beyond your control. The system's inverter prioritizes household energy needs and stores any excess in a battery for later use. This stored energy is invaluable during peak times or when solar production is low, such as at night or on cloudy days.



PEAK POWER

29.1 kWp

PRODUCTION

25 400 kWh/Yr



PEAK POWER

43.8 kWp

PRODUCTION

38 100 kWh/Yr





PEAK POWER
30.7 kWp
PRODUCTION
24 500 kWh/Yr

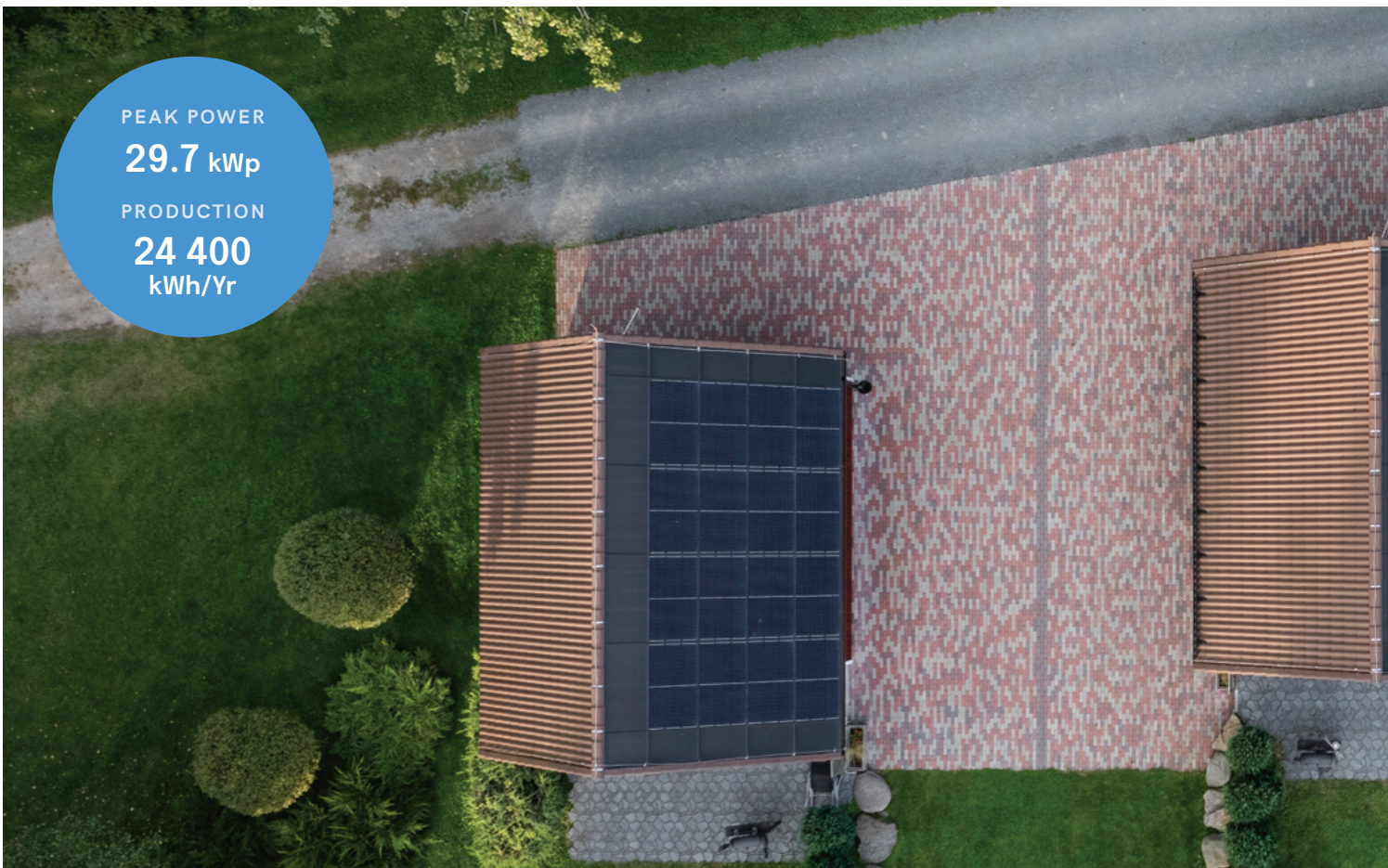


PEAK POWER

14.3 kWp

PRODUCTION

Offgrid



PEAK POWER

29.7 kWp

PRODUCTION

**24 400
kWh/Yr**



PEAK POWER
12.05 kWp
PRODUCTION
11 419 kWh/Yr





Other Solarstone
products

Solar Tiled Roof

2-IN-1 SOLUTION

The Solar Tiled Roof is a premium roofing material that integrates solar energy generation with traditional roofing function



This system maintains the visual appeal of your home while providing efficient energy production. The building-integrated modules interlock with most flat concrete and clay tiles, ensuring your home retains its aesthetic value.

Solarstone BIPV panels are designed to withstand the test of time. Carefully crafted for durability, they provide not only clean energy but also long-lasting protection for your home for decades to come. With a 25-year Production Warranty, our panels demonstrate their resilience.

- ✓ Discreet and elegant solar solution for slate/tile roofs
- ✓ Compatible with various materials and colors
- ✓ Ideal for complex roofing situations
- ✓ Flexible and easy installation



Solar Carport

3-IN-1 SOLUTION

The Solar Carport features a meticulously designed weatherproof solar roof

Transform your driveway with Solar Carport. More than just a parking spot and shelter, it becomes a power station for your home and a dedicated charger for your EV. Constructed from strong, galvanized steel, it is engineered to withstand the challenges of coastal areas.



Shelter

Provides shelter in all weather conditions.



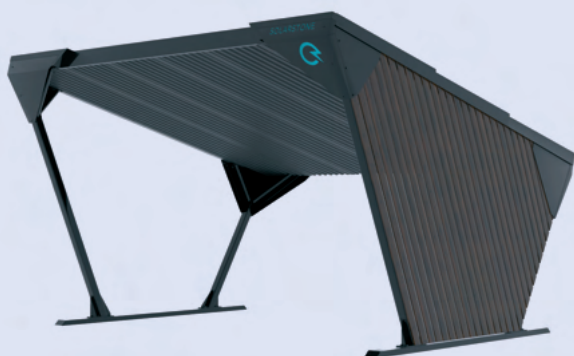
Powerplant

Includes an integrated solar roof powerplant.



Charger

Offers the capability to charge your electric car.



Seamless charging

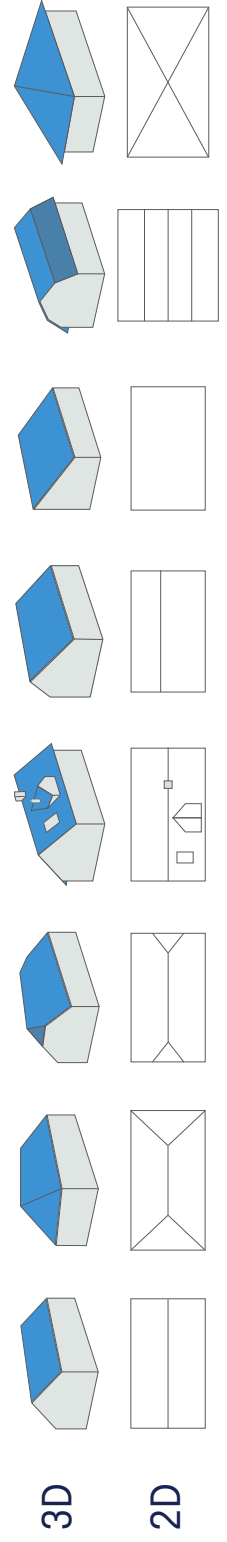
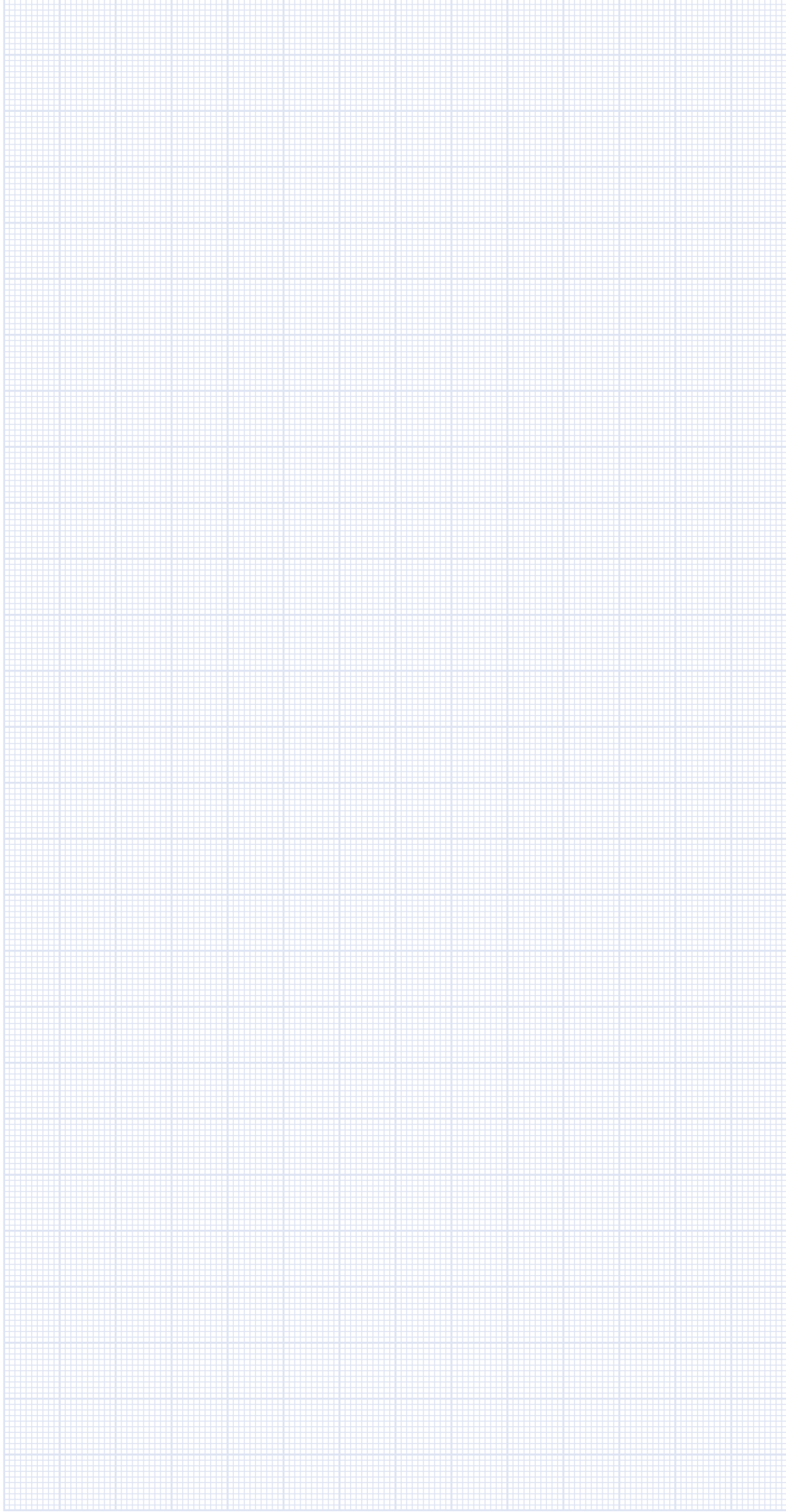
While the Solar Carport generates power when the sun shines, it's also connected to your home's electrical system. This means you can charge your car 24/7, regardless of the weather conditions.

Roof planner

Client name

Full address

Date



3D

2D

Simple steps for quotation

1. Draw a roof plan in 2D view.
2. Add measurements in millimeters.
3. Take a picture of drawing and note page.
4. Take a picture of roof and roof sides.
5. Share picture with Solarstone partner.

SOLARSTONE

solarstone.com