



taylor.





Taylor Energy System: get more from your own energy.

Electricity demand is growing, especially as we move away from natural gas. That's why it's more important than ever to get the most from your solar panels. Developed together with Eindhoven University of Technology, Taylor intelligently matches energy generation, storage and consumption, helping you maximise self-consumption while giving you greater independence and control over your energy.

Taylor solar panels with Nano Optimizers, smart batteries and the Taylor Energy Manager work seamlessly together, eliminating the hassle of incompatible components. Developed with leading manufacturers and installed by experienced Dutch partners, Taylor delivers a reliable system from roof to app.

Already have solar panels? Simply add a Taylor battery and our Energy Manager to get more from your existing installation, and expand with Taylor solar panels whenever you're ready.



High-performance solar panels
with Taylor Nano Optimizers

Smart energy management
with Taylor Energy Manager

Efficient battery storage
with Taylor Batteries



become independent and save with the Taylor Energy Manager.

The Taylor Energy Manager intelligently controls your solar panels, battery, heat pump, EV charger (fall 2026) and other electrical loads to keep your energy costs as low as possible. It automatically decides when to use electricity, store it or feed it back into the grid—without any additional monthly subscription fees.

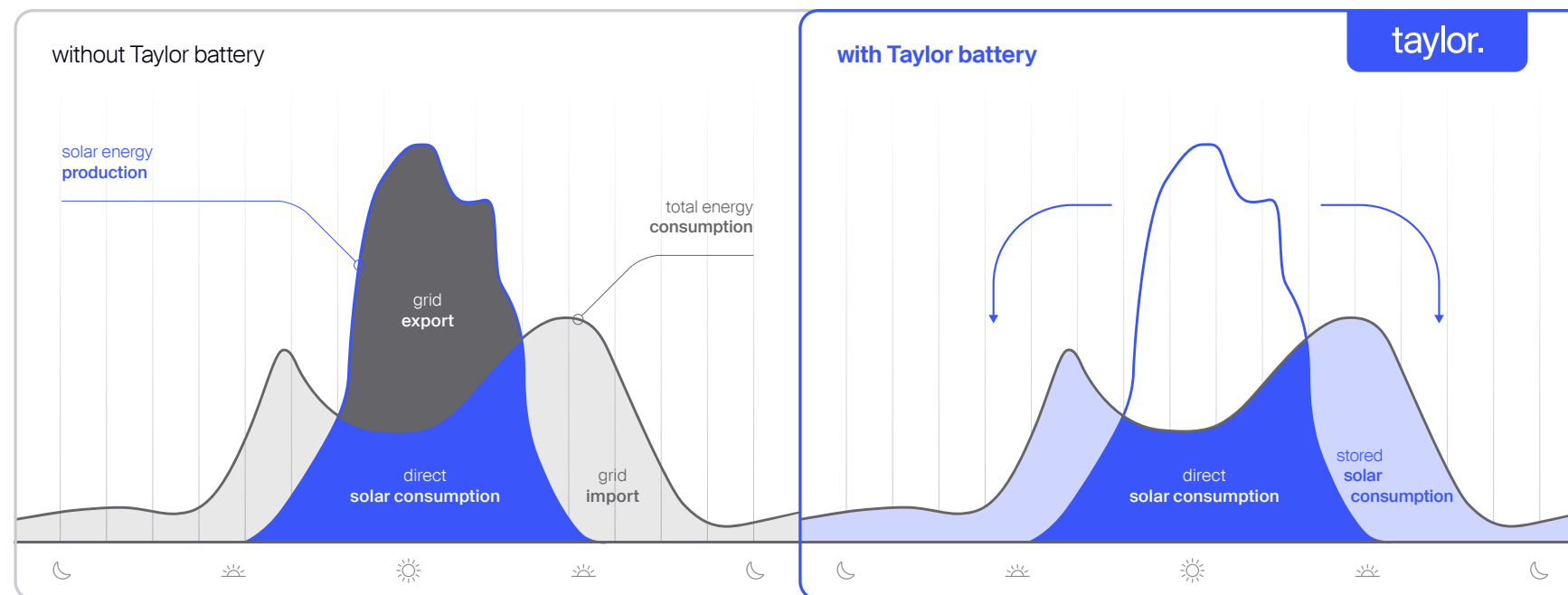


get more from your solar energy.

The more of your self-generated solar energy you use directly, the less electricity you need to buy from your energy supplier. This becomes even more valuable once the Dutch net metering scheme is fully phased out in 2027.

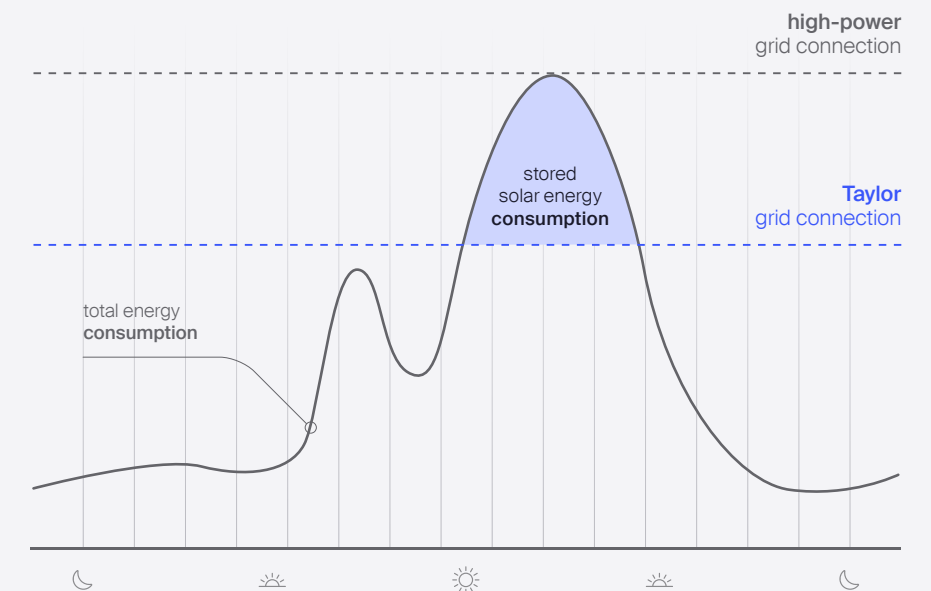
Your battery plays a key role. During the day—typically around midday—surplus solar energy is stored. In the evening, you use this stored energy instead of buying electricity from the grid.

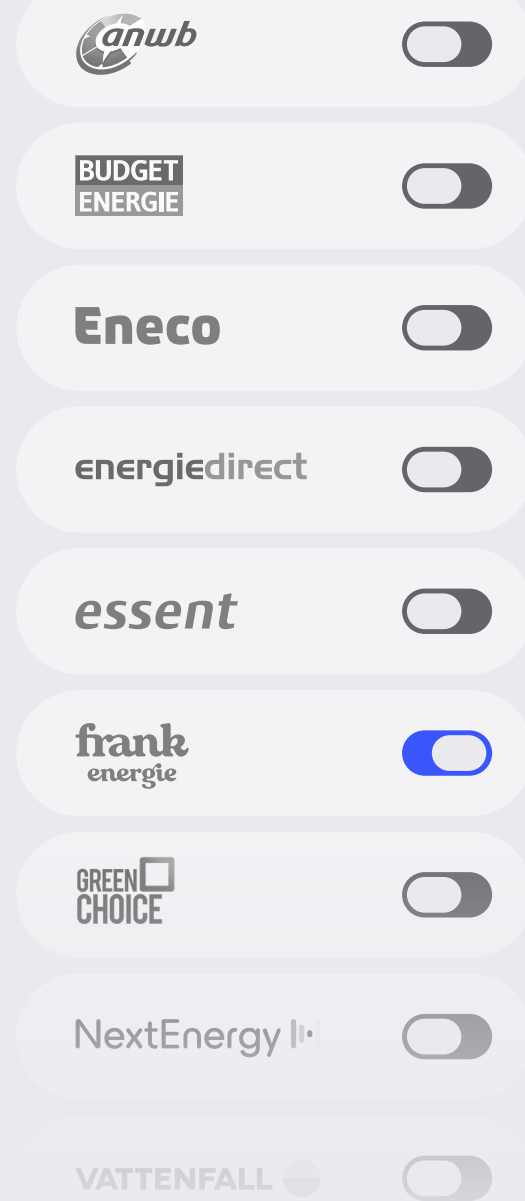
Later this year, the Taylor Energy Manager will also be able to intelligently control your heat pump and electric vehicle, automatically heating or charging them whenever surplus solar energy is available.



Get more from your grid connection.

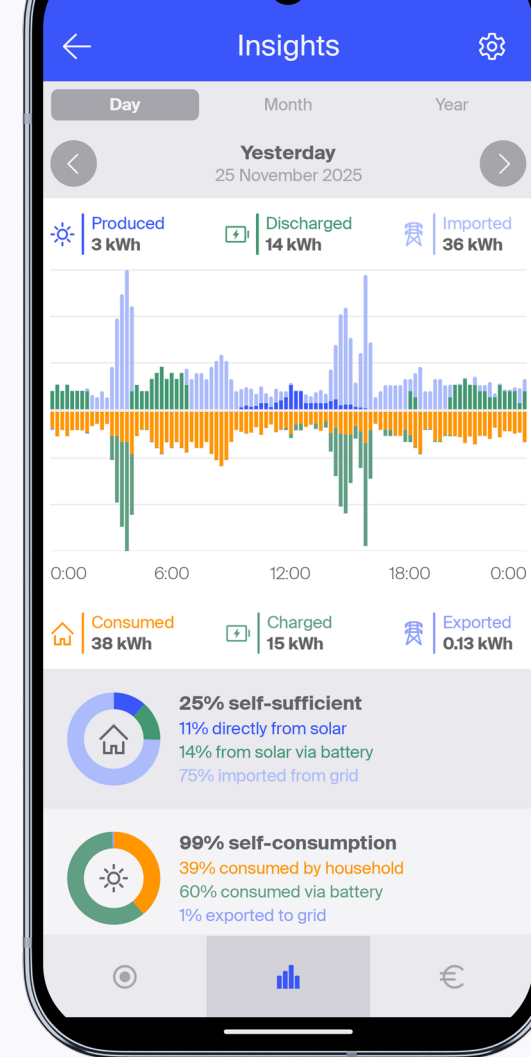
Planning to make your home more sustainable with a heat pump, EV charger or induction hob? You'll quickly reach the limits of your existing grid connection. The Taylor Energy Manager uses the battery to absorb short-term peaks in electricity demand, allowing you to stay within the capacity of your current connection without the need for an expensive upgrade. Already have a high-capacity grid connection? You may even be able to downgrade to a smaller one, reducing your annual network charges. Depending on your situation, this can save you more than €1,000 per year.





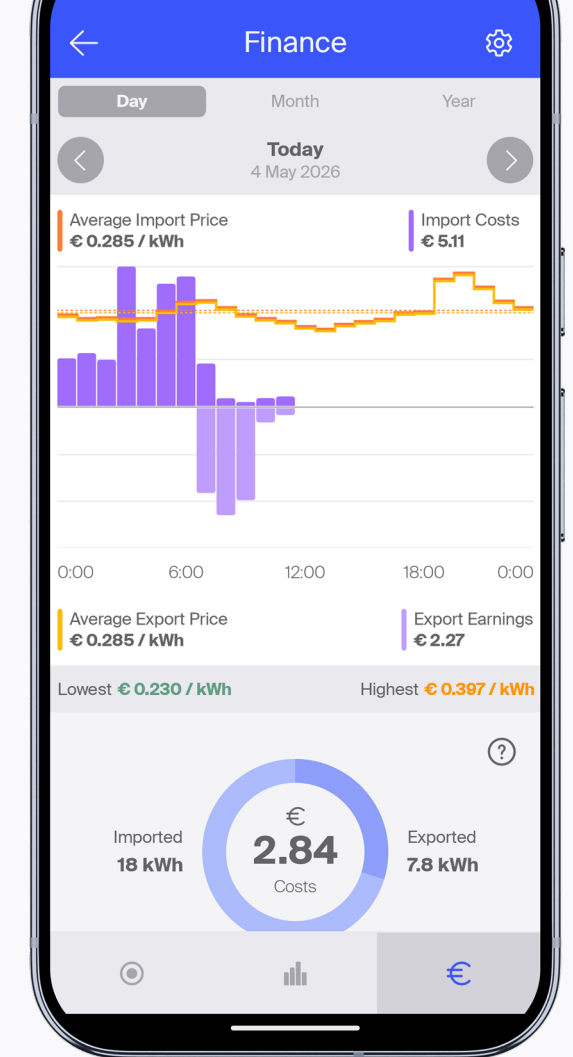
Freedom to choose = more opportunities to save.

Electricity prices vary throughout the day. With a dynamic energy contract, the Taylor Energy Manager automatically uses your battery to turn these price differences to your advantage.



Smart charging when prices are low

On days with little sunshine, especially in winter, you may not generate enough energy to meet your needs. Your battery charges when electricity prices are low—or even negative—and stores that energy for when prices rise.



Smart grid export when prices are high

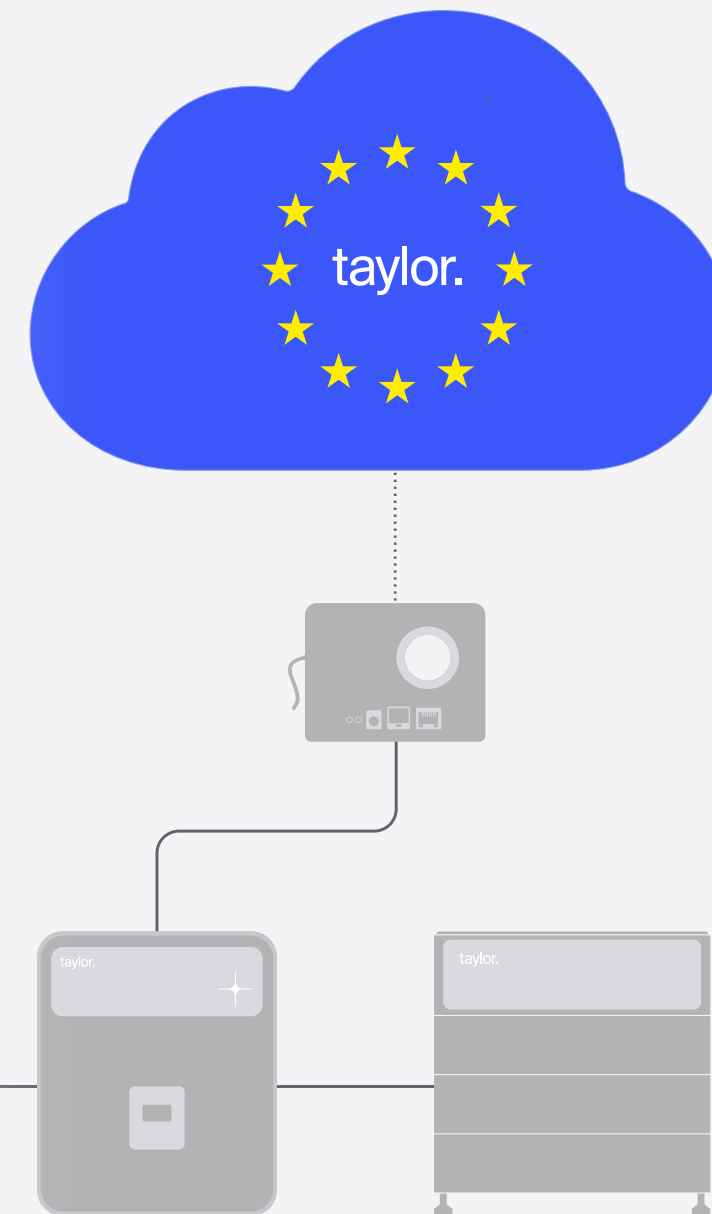
On sunny summer days, you often generate more energy than you use. Your battery exports the surplus to the grid when prices are highest, rather than simply when solar production peaks.

You stay in control

In the app, you can easily choose the strategies that suit you. Most importantly, you remain free to choose your energy supplier. Switching suppliers each year can save you tens or even hundreds of euros. Taylor ensures you keep that freedom, now and in the future.



secure data.



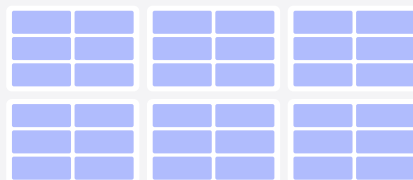
The majority of inverters send data directly to poorly protected servers outside Europe. Your energy data is personal, which is why Taylor routes all system data through the Taylor Gateway directly to secure European servers, fully compliant with GDPR. Control signals from energy suppliers also pass exclusively through European servers before reaching your battery, helping to protect both your privacy and the stability of the electricity grid.



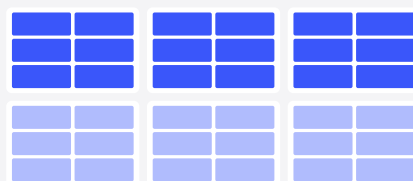
Taylor panels: smart under shade and soiling.

Shade or soiling—such as leaves or bird droppings—on one part of a solar panel can block the current of your entire system. That's why microinverters or optimizers are often used: they limit the blockage to one panel. Taylor panels with Nano Optimizers do it smarter. They optimise per 1/6 of a panel, so only a small portion is affected by shade or dirt. That's how you get up to 20% more energy from your roof.

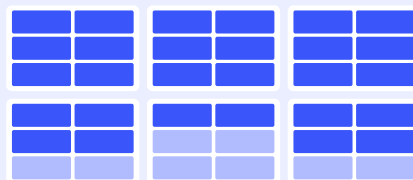
yield example in a shaded situation as shown



0% of panels at optimum
Standard solar panels



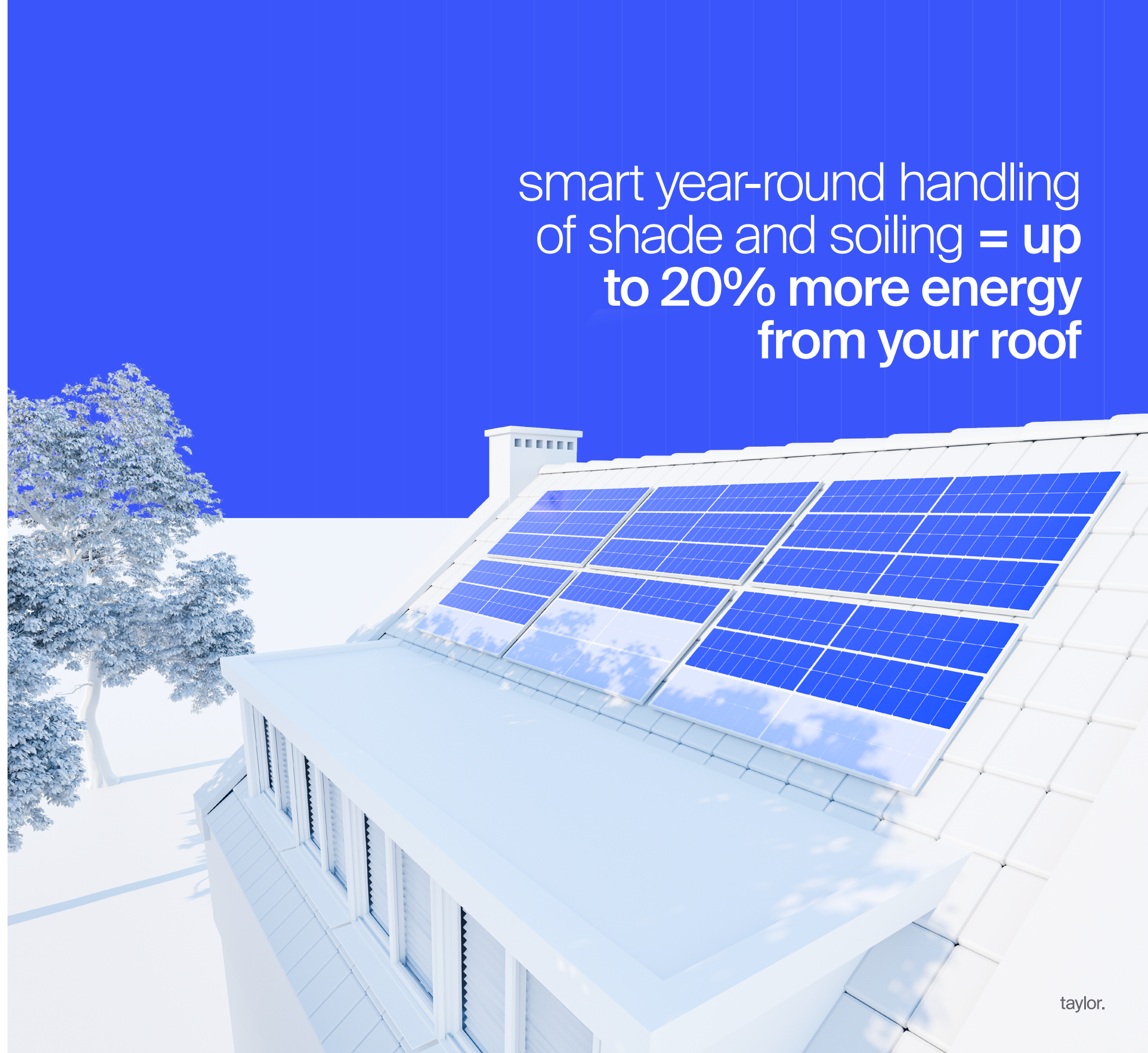
50% of panels at optimum
Solar panels with panel optimizers or micro-inverters



78% of panels at optimum
Taylor solar panels with Nano Optimizers

get more from your own energy.

smart year-round handling
of shade and soiling = **up
to 20% more energy
from your roof**



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more yield, measured in the field.

So what does it really deliver? We measured the output of the setup below for a full year. The darker the panel segment, the more energy it produced. For comparison, we calculated the yield with string inverters (with shade scan) and microinverters. The result: up to 20% more energy with Nano Optimizers.

Energy gain

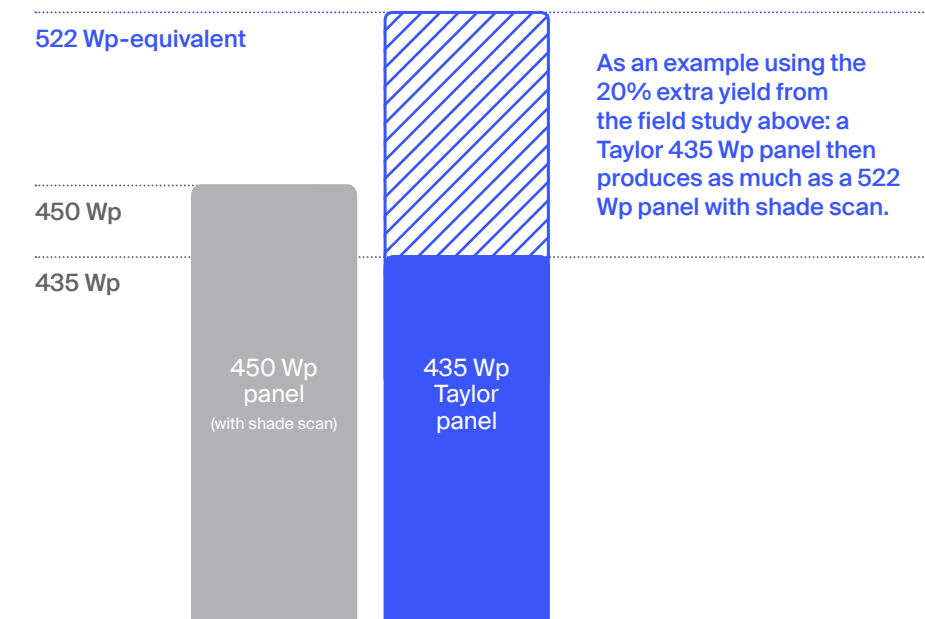
String inverter with shade scan	Baseline
Micro-inverter	+12%
taylor.	+20%



highest
yield per m²
roof area

watt-peak isn't everything.

Many panels are sold based on watt-peak: the power under ideal conditions. But on your roof, shade and soiling also play a role. As a result, a Taylor panel with a lower watt-peak almost always delivers more actual yield. And that's what matters: how much energy you really get from your roof.



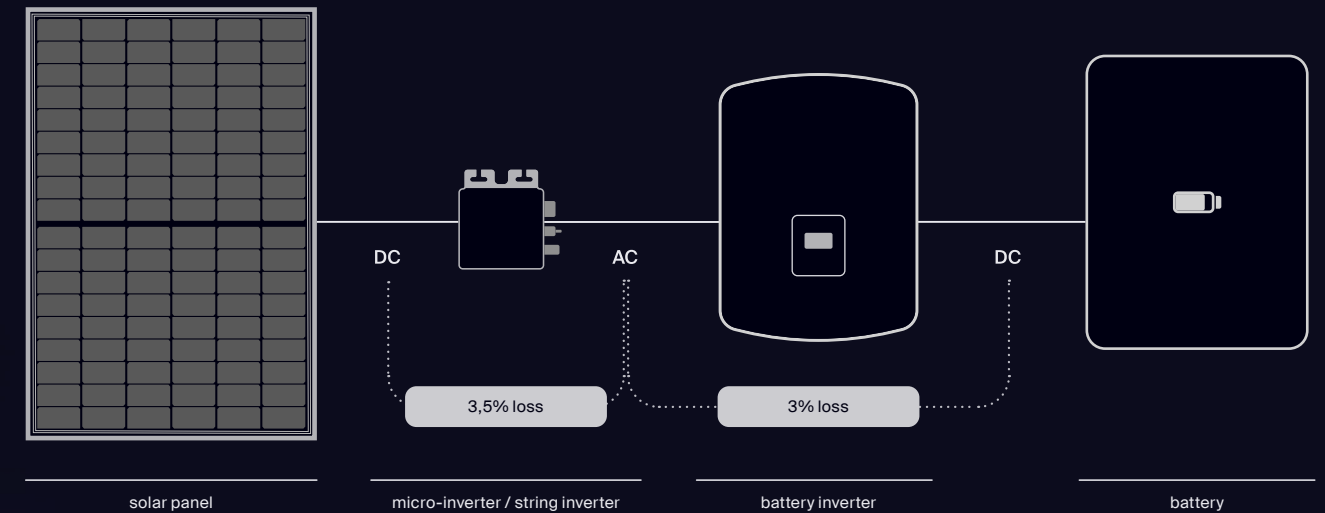


Taylor batteries: what you generate, you want to keep.

Many common systems, such as string or microinverters and plug-in batteries, convert electricity twice before it reaches the battery—wasting valuable energy. With Taylor, everything remains direct current, from the panels with Nano Optimizers to the battery. No unnecessary detours, resulting in around 60% lower conversion losses. Ideal whether you install a battery now or add one later.

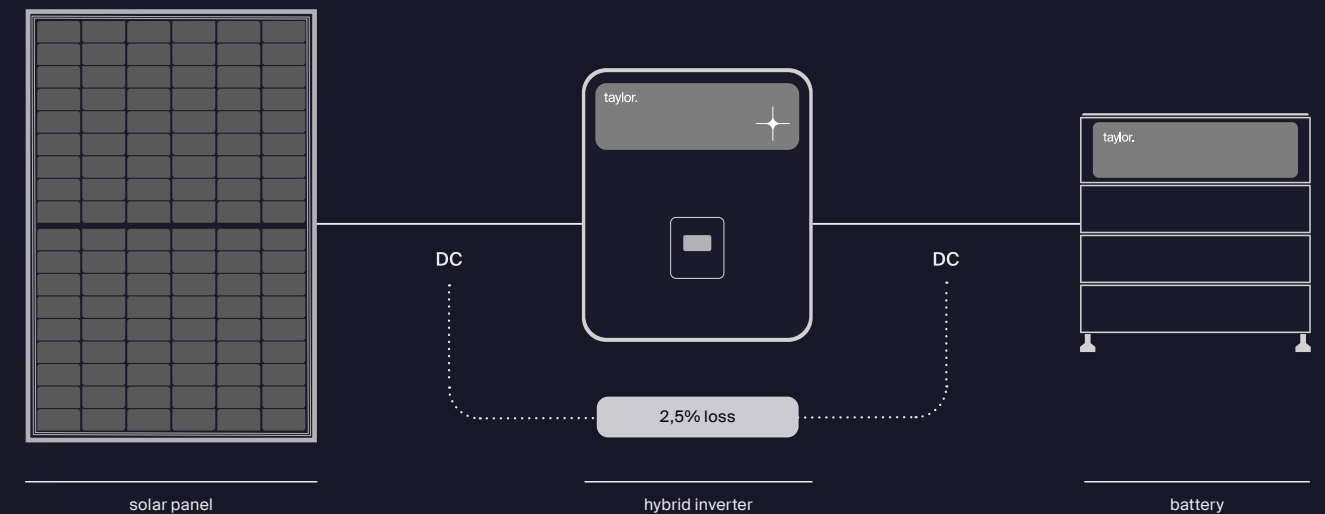


Microinverters convert electricity twice: from direct current (DC) to alternating current (AC) and then back again.
The result: 6.5% energy conversion losses



Taylor operates on direct current (DC), from the panel to the battery.

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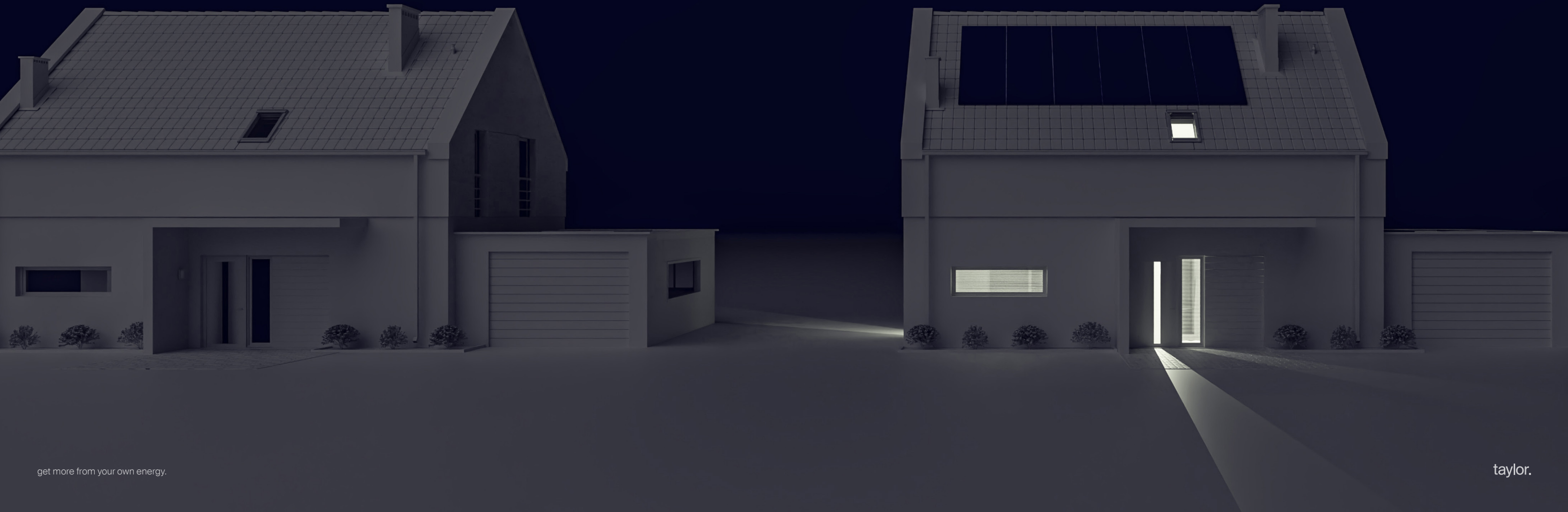


The result: approximately 60% fewer energy conversion losses



power when it matters.

Want to be less dependent on changing government policies or energy companies? Taylor puts you in control. A Taylor battery keeps power available during a grid outage, with a backup port for essential appliances. Add the EPS Box to provide backup power for your entire home.





European company, European support.

Taylor is built for European roofs, where space is scarce and yield matters. You get durable, smart solutions with secure control from Dutch servers and great service through local installers such as Kemkens and Bozon. Investors like ABP and Rabobank believe in our technology. Together with TU Delft, TU Eindhoven and TNO we keep innovating.

 **TU Delft**  **TU/e** EINDHOVEN
UNIVERSITY OF
TECHNOLOGY **TNO** *ABP* *Rabobank*



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