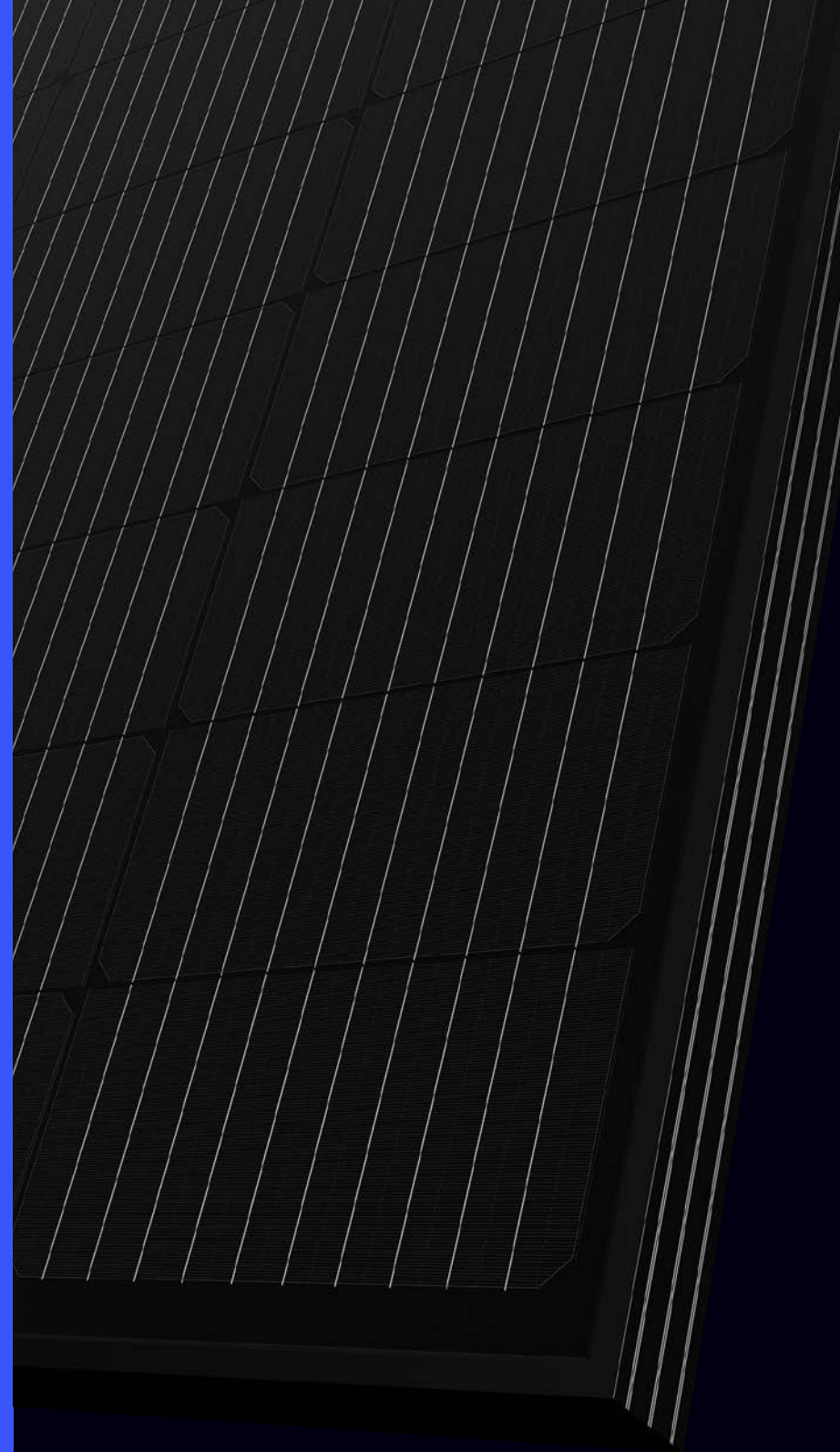




taylor.





take control of your energy.

Taylor gives you more energy and independence thanks to solar panels with Nano Optimizers, smart battery storage and the Open energy manager.





highest
yield per m²
roof area

Taylor Nano Optimizers up to 20% extra yield

more energy from your roof.

Demand for electricity keeps rising—especially as we move away from gas. So it's smart to choose a system that gets more from your roof and stores and uses that energy intelligently. In collaboration with TU Eindhoven, Taylor developed solar panels with Nano Optimizers. They deliver up to 20% extra yield, including at times when power is worth the most. Important, because you only have one roof.



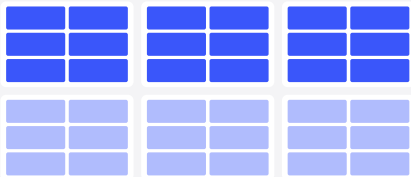
smart under shade and soiling.

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



Standard solar panels
0% of panels at optimum

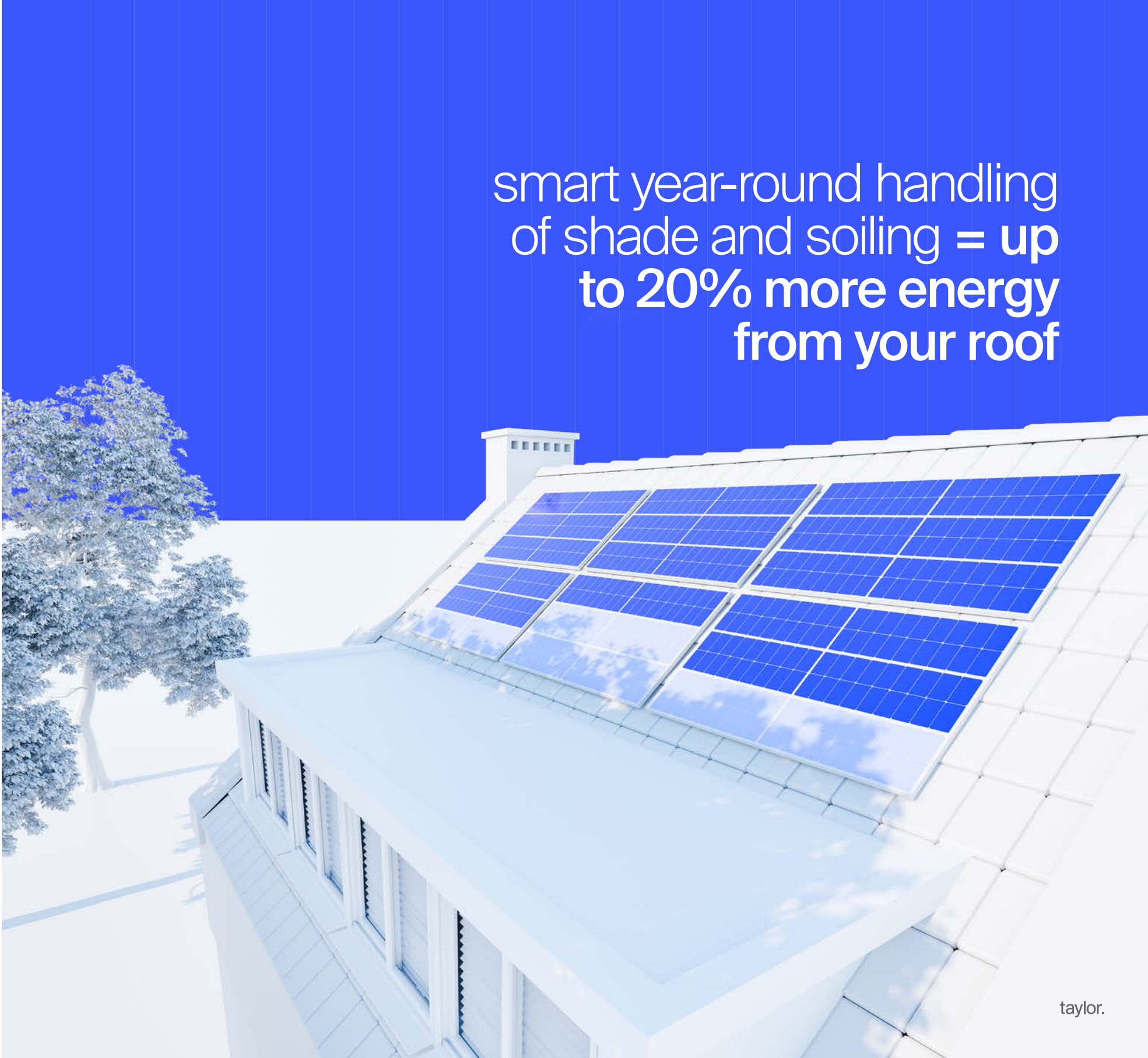


Solar panels with panel optimizers or micro-inverters
50% of panels at optimum



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

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

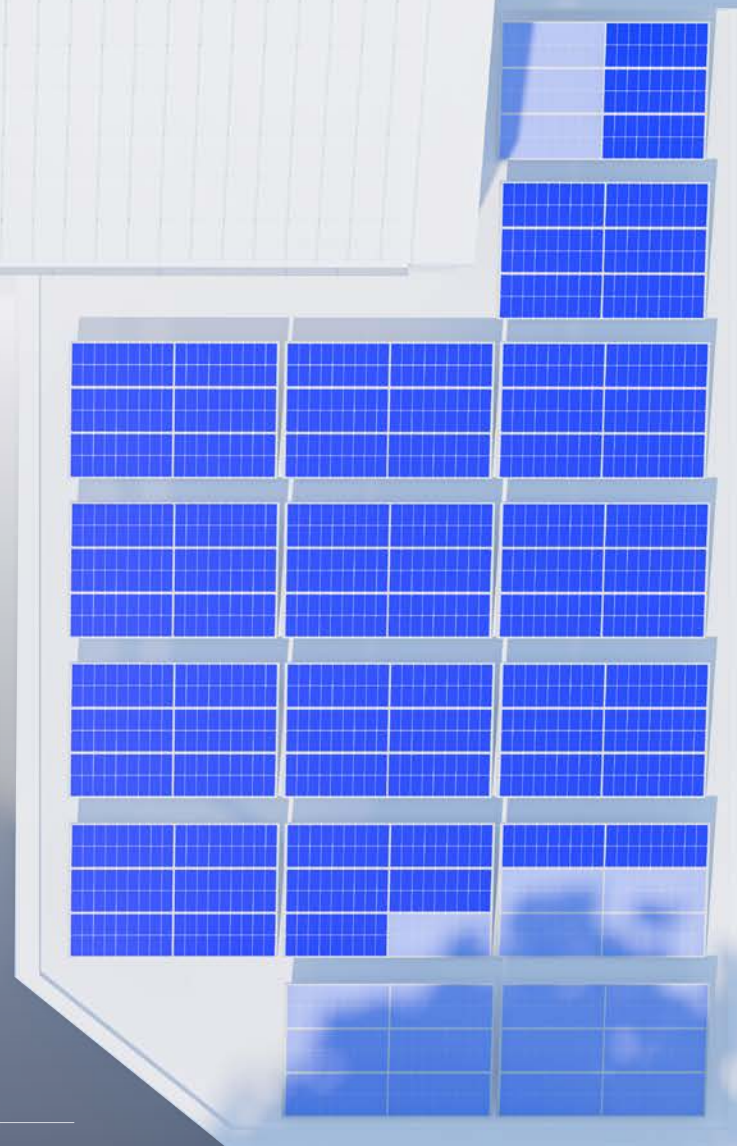




more yield, measured in the field.

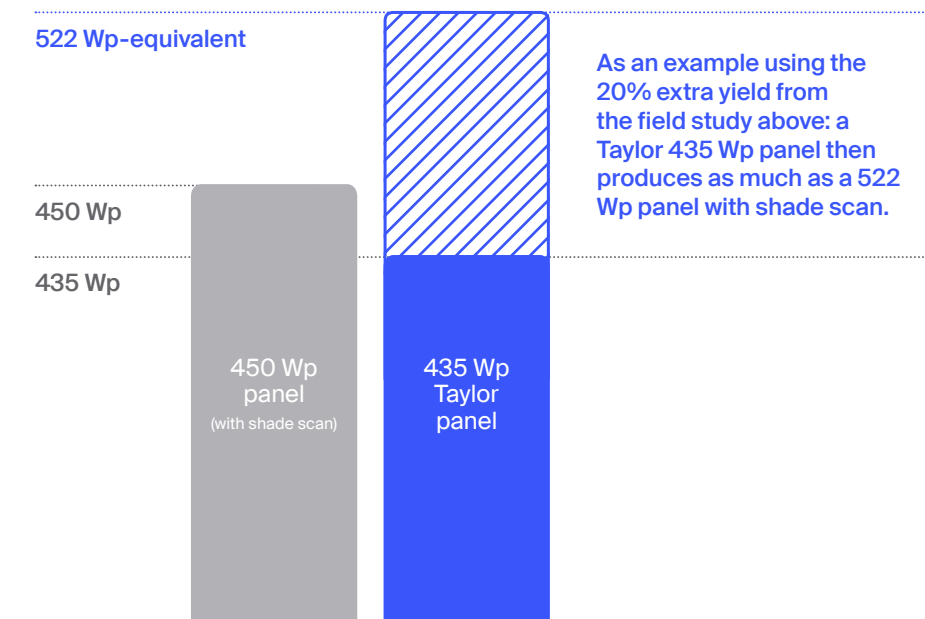
So what does it really deliver? We measured the output of the setup below for a full year. The darker the panel segment, the more energy it produced. For comparison, we calculated the yield with string inverters (with shade scan) and microinverters. The result: up to 20% more energy with Nano Optimizers.

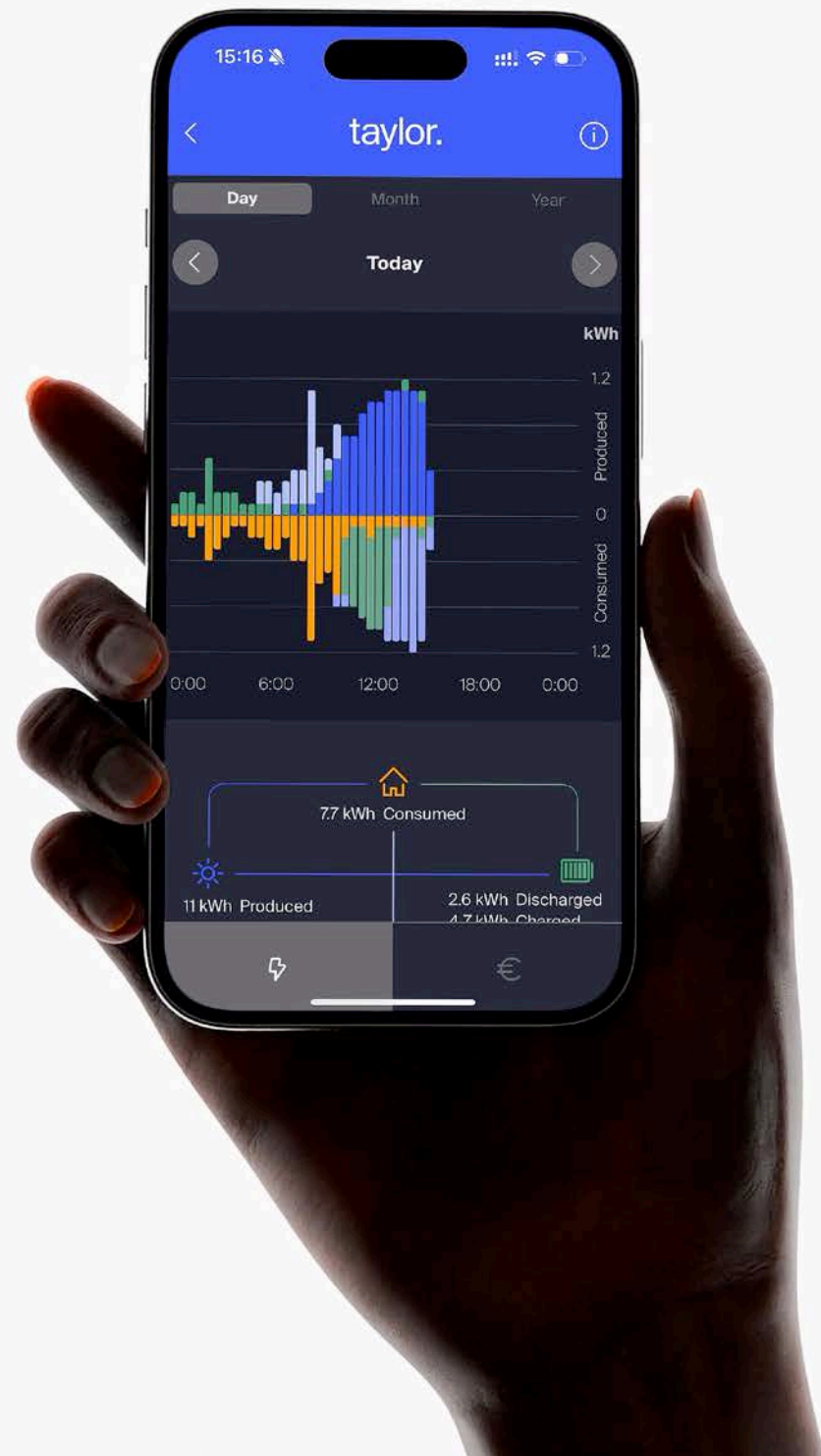
Energy gain	
String inverter with shade scan	Baseline
Micro-inverter	+12%
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watt-peak isn't everything.

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 Open your energy manager

become autonomous and save with Open.

The Open energy manager controls solar panels, batteries, heat pumps, EV chargers and other loads to keep your energy costs as low as possible. It automatically decides when to consume, store or feed back to the grid—without monthly fees.



get more from your solar energy.

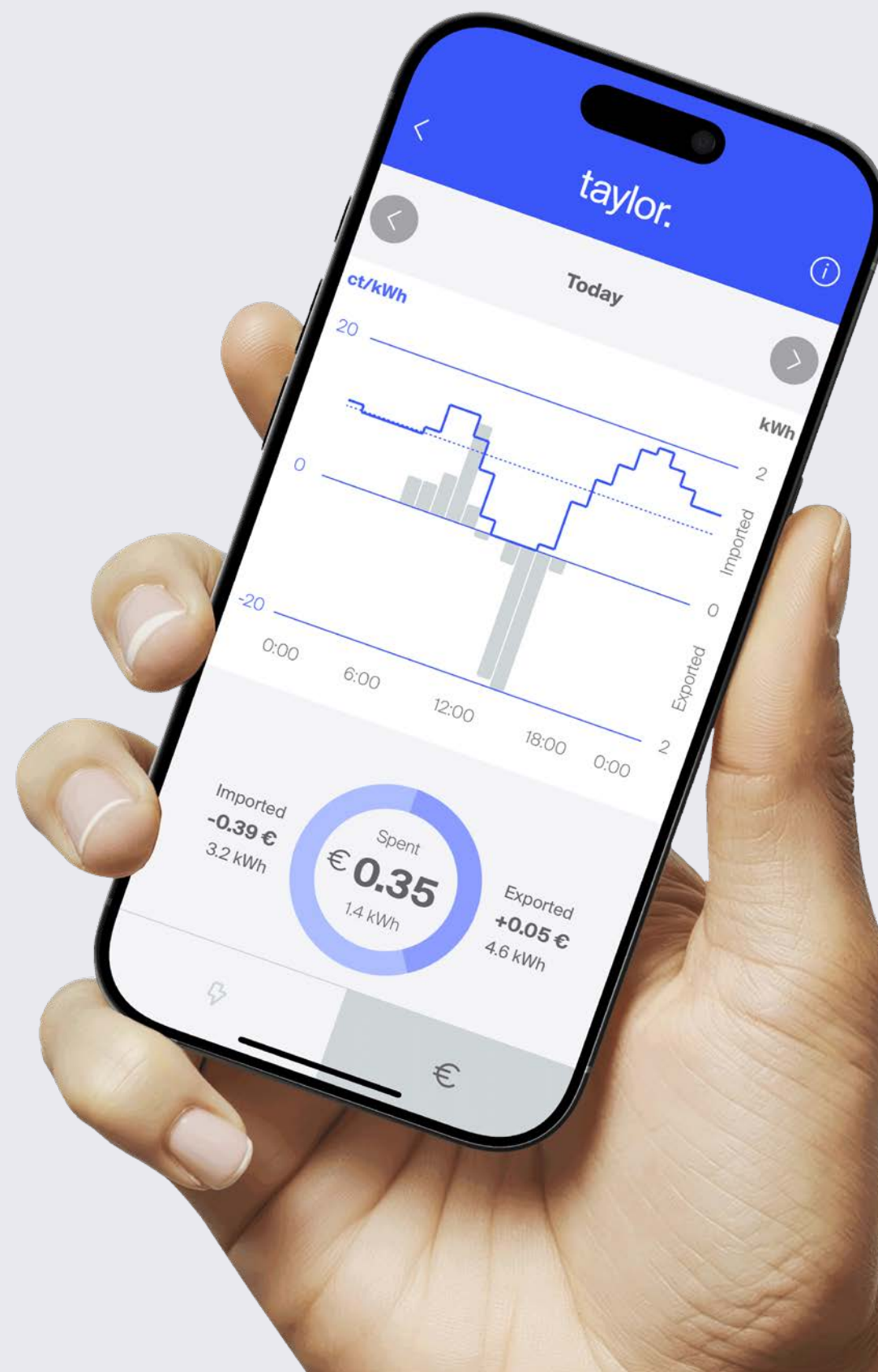
With a Taylor battery you use your own power when it suits you. Instead of exporting at a cost, you store the surplus for later. This automatically lowers your energy bill. Don't have a battery (yet)? Open still ensures you don't export power at moments when that costs money.





smart control = extra earnings.

Beyond maximizing self-consumption, the Open energy manager can also make your battery earn extra. With a dynamic energy contract, your Open energy manager charges the battery when the price is low and uses or exports at higher tariffs. It all happens automatically. Your battery can also be actively used on the imbalance market. In the app you simply choose which strategies suit you.





BUDGET
ENERGIE



Eneco



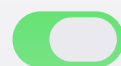
energie direct



essent



frank
energie



GREEN
CHOICE



VATTENFALL

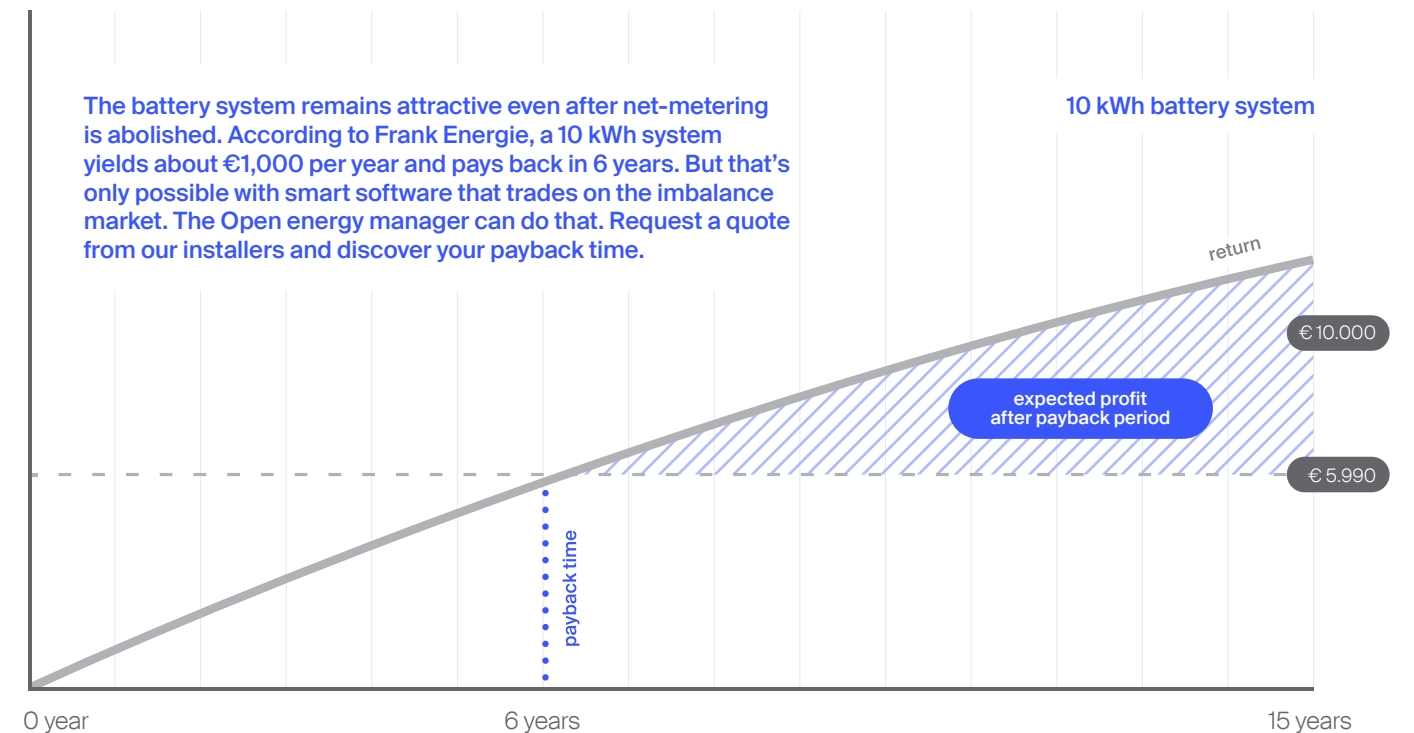


free in your energy choice.

Switching energy suppliers from time to time pays off—saving you tens to hundreds of euros per year. Taylor ensures you keep that freedom. You decide who supplies your energy, now and later.

faster payback time.

Taylor panels deliver more than systems with optimizers or microinverters, yet don't cost more. The smart technology is already built into the panel. That saves on cabling and installation time. More yield and lower costs: that's how you earn back your investment faster.





reliable and scalable tailored to your needs

one system for everything.

No hassle with parts that don't fit together. Taylor delivers one complete system: solar panels with Nano Optimizers, batteries, inverters and the Open energy manager that controls everything. Developed together with top manufacturers and installed by experienced Dutch partners. That way you know everything is right—from roof to app.

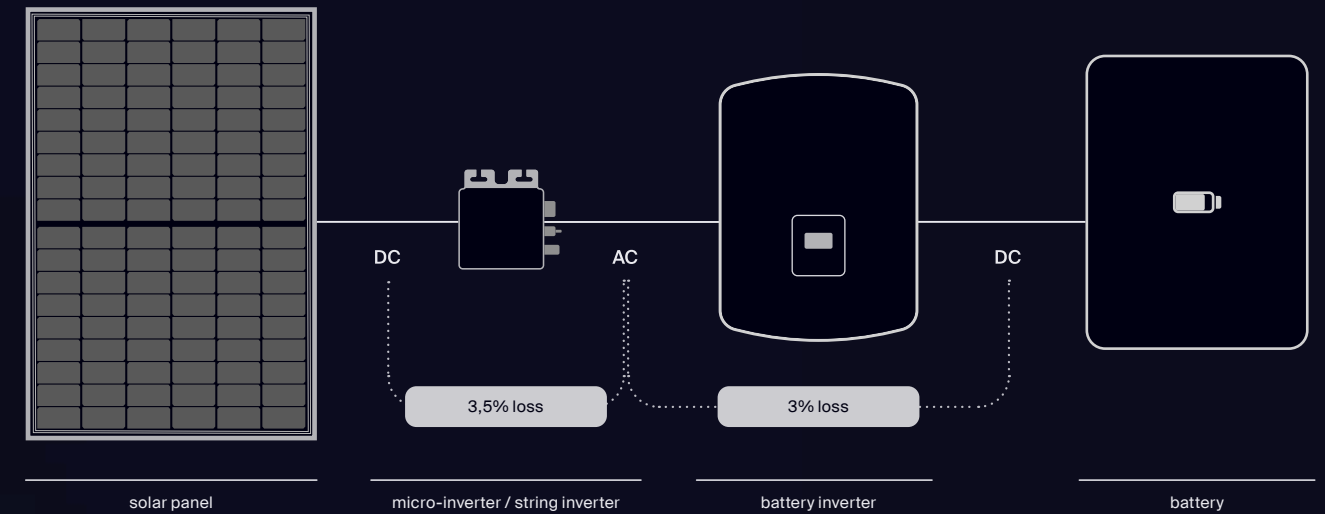


get more out of your battery.

Common systems, such as string or microinverters, convert electricity twice before it reaches your battery. That wastes a lot of energy. From the panels with Nano Optimizers to the Taylor battery everything stays on DC. No unnecessary detour, therefore roughly half the inverter loss. Ideal if you add a battery now—or later.

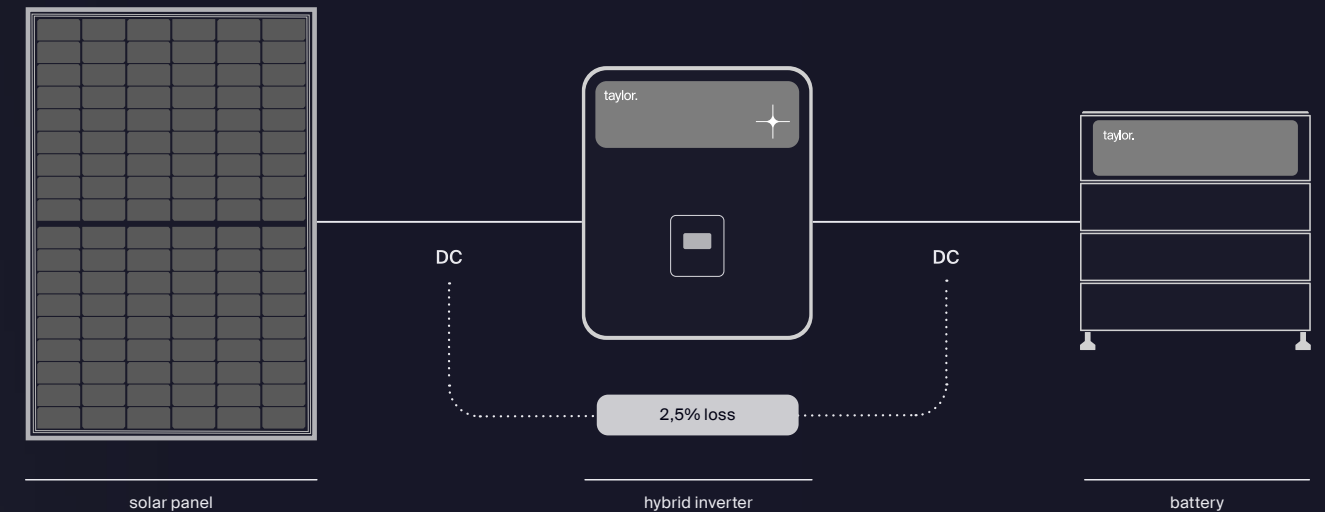


Microinverters convert electricity twice: from direct current (DC) to alternating current (AC) and then back again.
The result: 6.5% energy conversion losses



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

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The result: approximately 60% fewer energy conversion losses



more control with Open energy manager.

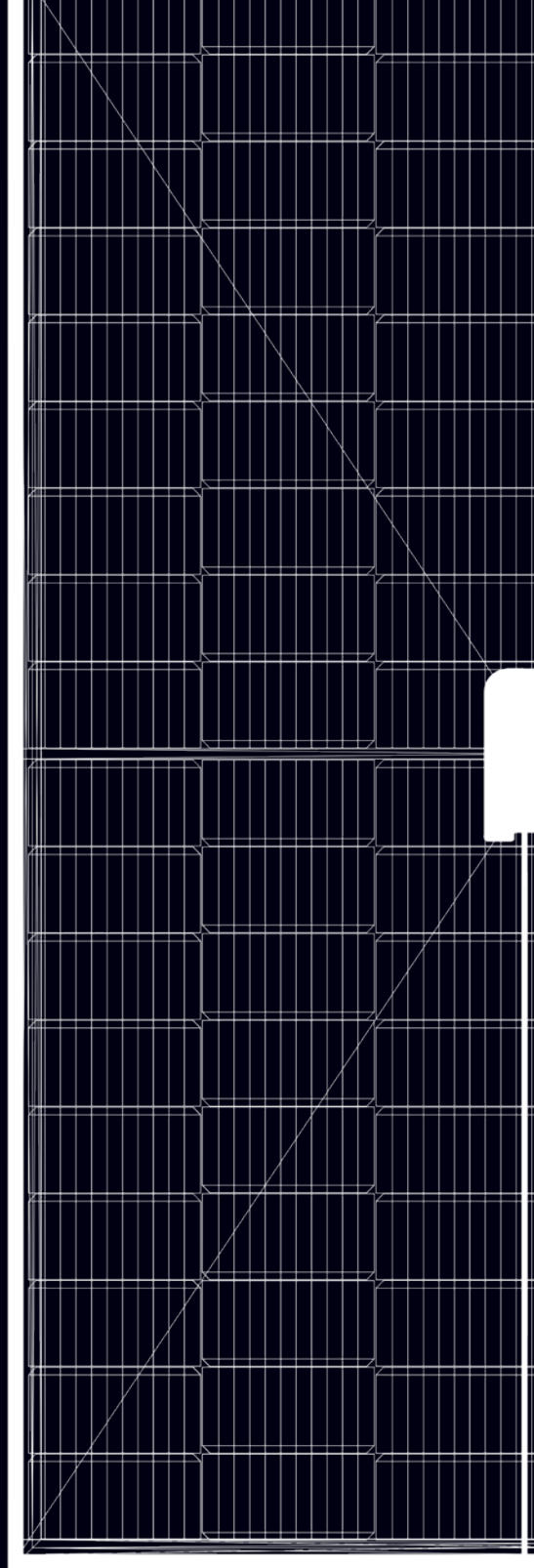
Want to be less dependent on the whims of government or grid operators? With Taylor you stay in control. Open energy manager will soon control your heat pump, boiler and EV charger too. And if the grid goes down, the Taylor battery supplies power via the backup port for essential devices. With an optional backup box you can even keep powering your entire home.





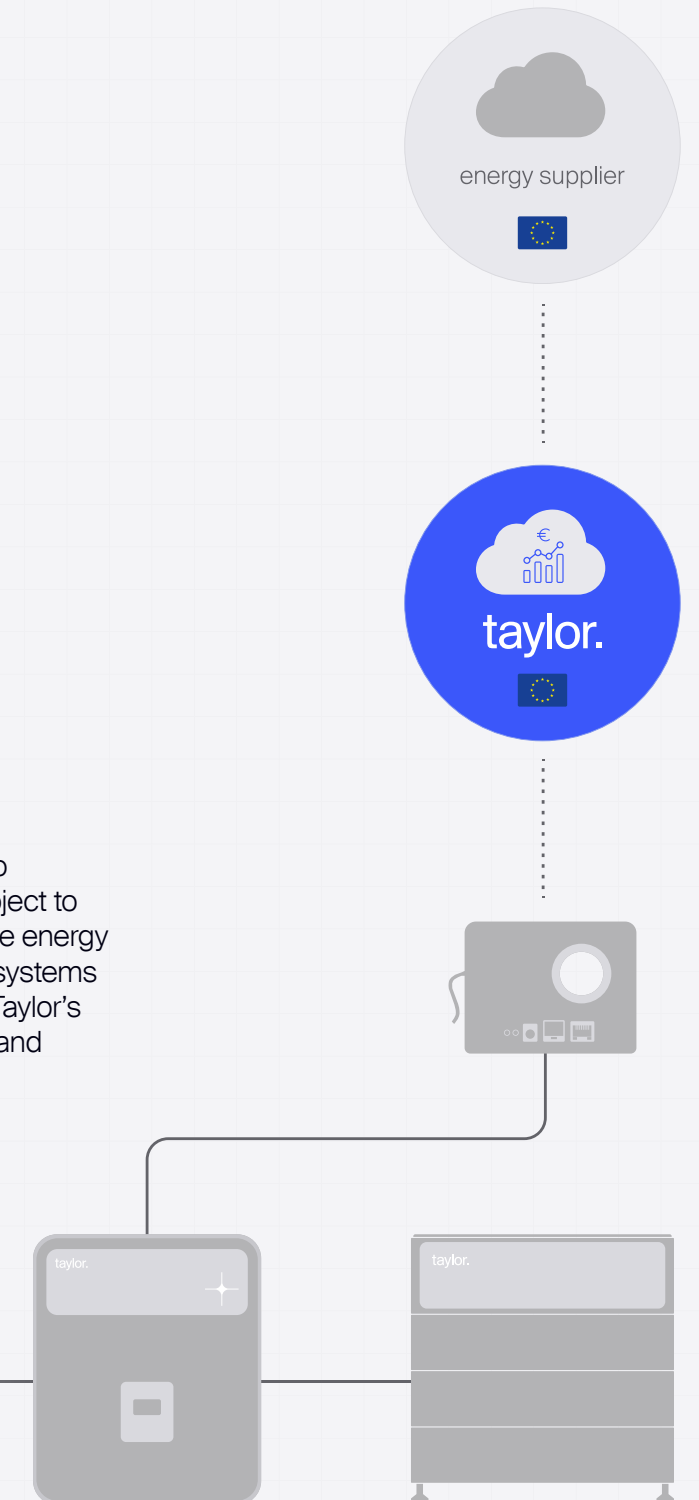
fire-safe by design.

Much solar fire damage stems from bypass diodes or incorrectly connected connectors. Taylor panels have no bypass diodes and 50% fewer connectors. That drastically reduces fire risk. They're even installed on petrol station roofs for that reason.



cyber secure.

The majority of solar inverters are sending data directly to insecure Chinese servers. Energy production data is subject to GDPR. But more importantly also with ability to control the energy system, directly impacting energy grid stability. In Taylor systems all data is only processed through Taylor's gateway and Taylor's European data servers, including the energy production and consumption control signals.





always visible insight into your system.



Many people don't know whether their solar panels are performing well—and that costs money. With the Taylor app you see real-time yield per panel segment. If something's wrong, your installer automatically gets a notification. Thanks to our technology they can often locate the issue remotely—down to 1/6 of a panel. That saves time, hassle and money.

Also with existing panels

Already have solar panels? You can still benefit from Taylor. Add a Taylor battery and the free Open energy manager to make your system less dependent on your energy supplier. You only need a hybrid inverter. Taylor supplies that too if you don't have one yet. Soon, via your Open energy manager, you'll also control EV chargers and heat pumps. Want even more from your roof later? You can always add Taylor panels.





Dutch company, Dutch support.

Taylor is built for Dutch 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



you only invest once

invest wisely.

Your roof is limited, but your energy demand grows as we electrify further. If you choose low yield now or a messy energy setup, you'll get stuck with your transition later. Adding more panels isn't usually a good option—or simply not possible. Replacing inefficient inverters is undesirable. And nobody wants hassle or maintenance. With Taylor you choose one complete system that works from day one, manages your energy smartly and is ready for the future.



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