

Rethinking solar energy

High-performing, sustainable, Made in Europe

Meyer Burger: Better than good

There are many manufacturers of solar modules worldwide. And then there's Meyer Burger.

We are different. We are special. With our know-how and pioneering spirit, we have been shaping the solar industry for over 20 years. What drives us? To be better than good. That's why we are always exploring new paths. Just like now. For the first time, we have developed our own solar modules in our Swiss labs. And these aren't just your standard modules. Instead, they boast the highest performance on the market. Some would even call them, well, the best. And they come exclusively from Germany. We manufacture every single one of our cells and modules in our state-of-the-art factories in Germany's Solar Valley. Everything – from start to finish – comes from a single source. And that source is us. High-quality workmanship, reliability and outstanding quality are our hallmarks. And that's not just something we promise. We deliver it, too. And since the technology used in our modules is so unique, we have had it protected. With over 40 patents. That keeps the know-how in Europe. Better safe than sorry. We want our customers, installers and partners to benefit from our premium quality. And only them. Today, tomorrow and beyond. For a better, more independent world with clean solar energy.



The highest-performing module on the market. Period

So, what makes our modules so special?

We have enhanced our proprietary heterojunction technology (HJT) and made it more efficient. Our engineers have accomplished this by combining various layers of silicon to create a unique cell structure. This enables Meyer Burger HJT cells to absorb much more solar energy than conventional cells and for the converted electrical power to flow through the module with less resistance – even under low-light conditions, such as when it's cloudy. The energy yields can be even greater when the cells are connected using our patented SmartWire technology (SWCT™). This is because the wafer-thin connecting wires reduce the shading on the solar cells by up to 30 percent. In this way, the modules absorb more energy and produce electricity for longer. For noticeably more power for the same amount of roof space. And that's not all. SWCT™ also improves cell stability and makes the modules less susceptible to so-called microcracks, one of the most common reasons for energy losses in solar modules. And the best thing about it all? The fact that, thanks to comprehensive patent protection, this unparalleled performance is only available from us.

Maximum performance:

Up to 20 percent more energy yield – even in low-light conditions, such as in the morning and evening hours or with cloudy skies

Maximum quality:

Production of solar cells and modules according to the highest standards and exclusively in Germany

Maximum durability:

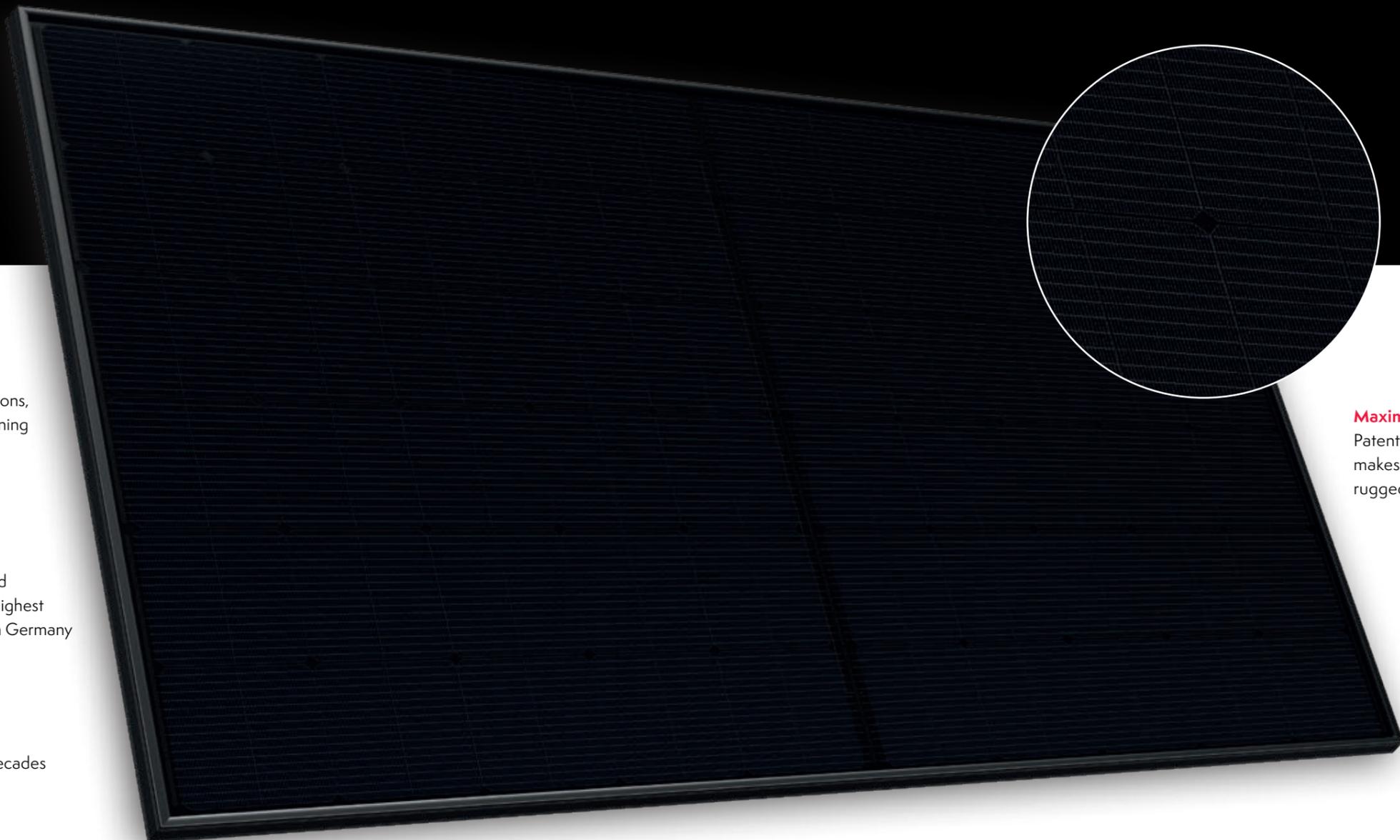
Guaranteed yields for decades

Maximum stability:

Patented SmartWire technology makes the modules extremely rugged and efficient

Maximum elegance:

Understated and superb design – invented in Switzerland



Explorers, makers, (r)evolutionaries

Anyone can do standard. But we aren't just anyone. We are Meyer Burger.

It all started just like all companies in Switzerland start: with watches. Or, to be more precise (Sorry, we're Swiss), with watch jewels. That was 1953. When Hans Meyer and Erich Burger invented the first high-precision watch jewel manufacturing machine (AKA the "Creusomat"), the company Meyer Burger was born. A lot has happened since then. The original staff of 13 has grown to more than 800 employees. But they are all driven by one thing: Conquering mountains, discovering new things and inspiring customers with innovative products. From a pure mechanical engineering company, we have been evolving since the 1980s into what we are today: one of the world's leading solar technology companies. There is hardly a solar module in the world today that is not manufactured with Meyer Burger technology. But we aren't resting on our laurels. No, we are looking ahead. By making the heterojunction cell better and more efficient, combining it with our patented SmartWire technology – and thereby creating a new generation of high-performance solar modules, which we will now be manufacturing and marketing ourselves. Why? Because we can.

1953

Having strong roots:

Hans Meyer and Erich Burger found the Swiss company as a manufacturer of precision machines for the watch industry

1983

Exploring new paths:

Meyer Burger develops pioneering sawing technology for the production of semiconductors

1999

Not standing still:

Market launch of a high-precision saw for the production of silicon wafers for the solar industry

2012

Developing smart solutions:

Meyer Burger further develops heterojunction technology (HJT) and patents its SmartWire Cell Connection technology (SWCT™)

2014

Making a global impact:

The PERC technology used in Meyer Burger production facilities becomes the industry standard for solar cells worldwide

2020

Being bold:

Decision is made to start manufacturing and marketing solar modules and cells ourselves

2021

Making things simple:

Our new high-performance modules combining HJT and SmartWire technologies revolutionise the market for photovoltaics

Made in Europe

Our modules are especially climate-friendly because they produce more energy and for a longer period of time.

But that's not enough for us. We want manufacturing them to be sustainable, too. And that's why we focus right from the start on premium materials, resource-conserving production processes, reliable supply chains and short transport distances. For this reason, our modules are manufactured exclusively in Germany. This reduces our environmental footprint just as much as the cutting-edge production facilities in Hohenstein-Ernstthal, Thalheim (City of Bitterfeld-Wolfen) and Freiberg, which we operate entirely with energy from renewable sources. We rigorously avoid using lead, as it can be detrimental to our health, and we use significantly fewer solvents. And we also take a holistic approach to recycling decommissioned modules. After all, things are far from over after our modules have ended their days of basking in the sun. With us, demounted or defective modules don't end up on the scrap heap. We take back all end-of-life modules – without exception. And we recycle materials such as glass, aluminium, plastics and silicon to feed them back into the raw materials cycle.

The European module:

We develop our solar cells and modules in Switzerland, and we exclusively manufacture them in Germany.

Regional value creation:

We have extensively invested in our production sites in Solar Valley. In doing so, we have created good jobs, trained skilled workers and contributed to the sustainable economic development of the region.

Green production:

We supply our state-of-the-art plants in Hohenstein-Ernstthal, Thalheim (City of Bitterfeld-Wolfen) and Freiberg with electricity from 100% renewable sources.

100% lead-free:

We don't use any of this toxic heavy metal to make our modules. Zero.

Responsible resource management:

We have reduced the silver content in our modules by 60 percent and use significantly fewer solvents in our production processes.

Stable supply chains:

We source many components from European suppliers, which makes us particularly well protected from interruptions in the global supply chain.

Lower CO₂ emissions:

We decrease our environmental footprint by using short transport distances and production processes that require less energy.

Recycling and re-use:

We take back our modules and recycle them as thoroughly as possible.

You can rely on us. Guaranteed

We are convinced that our modules are the best.

And our customers should be able to rely on this 100% and right from the start. That's why we believe that quality starts even before the purchase – with expert advice. For this reason, we exclusively work with experienced specialist dealers and installers who are masters of their trade and familiar with our product range. This gives our customers the certainty that they will always receive the solution best suited to their individual needs.

To this end, we offer an industry-leading warranty package under German law for all installations. Our modules come with standard product guarantees of 25 years (glass-foil) or 30 years (glassglass). In addition, we guarantee reliable and stable performance for decades: performance after 25 years will still be at 92 percent for all modules. For our glass-glass modules we guarantee a performance of over 90 percent after 30 years. In the event that one of our modules needs to be replaced, our service guarantee will apply. Through our reliable network of installers, we ensure fast and uncomplicated service on site – across Europe. Our customer service team is also available to give customers knowledgeable advice and assistance on all warranty-related issues. In German, English, Spanish, Italian, of course, Schwyzerdütsch.

**Meyer Burger Black –
The elegant one**

**Meyer Burger White –
The high-performer**

**Meyer Burger Glass –
The special one**

