



# The right energy for your roof

Premium solar modules from Meyer Burger



# The right energy for your roof is:

## Made in Germany. Designed in Switzerland.



- 100% value creation in Europe
- Local innovation for cutting-edge technology
- Always nearby, close to the customer

## Innovative and powerful.



- Long-term cutting-edge cell technology
- Patent solutions for a sure competitive advantage
- First-rate product and production

## It pays off.



- Maximum yields per square meter
- High performance for the entire service life
- Absolutely profitable and economical

## Sustainable and fair.



- Free of toxic substances and green production
- Resource-conserving material usage and 100% recyclable
- Short distances, high social standards and stable partnerships in all supply chains



# Truly outstanding: Meyer Burger Black

Innovative technology, elegant design



# The elegant model

With its all-black design, it is always the right choice for visually superior rooftop systems.

- Innovative **cell technology** (heterojunction) and patented **cell contacting** (SmartWire Connection Technology – SWCT™)
- Very high **performance per m<sup>2</sup>**
- More yields over the lifespan and especially on **hot days**
- Lowest decline in power per year and highest **remaining power**
- Linear performance warranty and **market-leading product warranty**
- Premium backsheet for maximum **security** and **stability**
- Withstands high **wind and snow** loads
- Resistant to **salt spray, ammonia, dust and sand**
- High aesthetic **appeal**



Private  
rooftop systems

For maximum yields combined with superior appearance: Heterojunction high-performance solar module with SmartWire Connection Technology.



# Great performance: Meyer Burger White

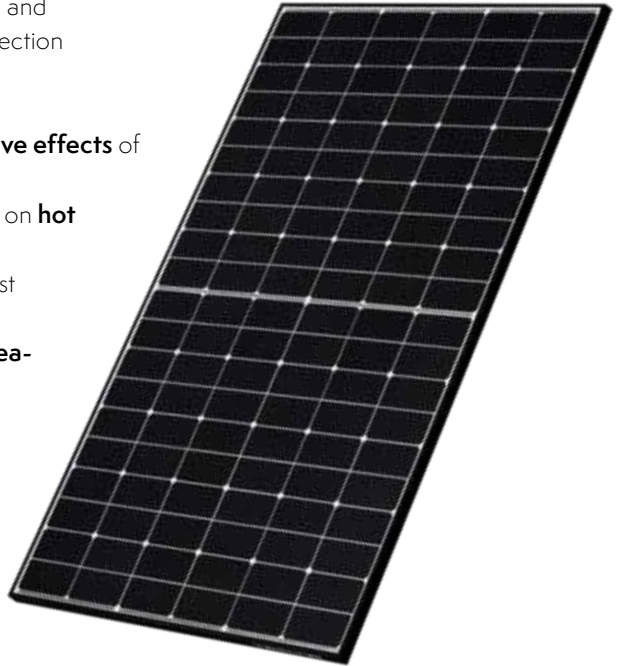
Top performance to meet exacting standards



# The powerhouse

Meyer Burger's most powerful solar module with white backsheet.

- Innovative **cell technology** (heterojunction) and patented **cell contacting** (SmartWire Connection Technology – SWCT™)
- Highest **performance per m<sup>2</sup>**
- Higher module efficiency thanks **to reflective effects of the white backsheet film**
- More yields over the lifespan and especially on **hot days**
- Lowest decline in power per year and highest **remaining power**
- Linear performance warranty and **market-leading product warranty**
- Premium backsheet for maximum **security and stability**
- Withstands high **wind and snow** loads
- Resistant to **salt spray, ammonia, dust and sand**



Private  
rooftop systems



Commercial  
rooftop systems

For more yield on the same area: Heterojunction high-performance solar module with SmartWire Connection Technology.





# Truly versatile: Meyer Burger Glass

High yields thanks to double-sided power generation



# The double pack

The bifacial module for light commercial roofs and agricultural applications:  
Energy generation on both sides.

- Innovative **cell technology** (heterojunction) and patented **cell contacting** (SmartWire Connection Technology – SWCT™)
- Very high **output per m<sup>2</sup>** due to space-saving cell arrangement
- More yields over the lifespan and especially on **hot days**
- Above-average **additional yields** through energy generation on both sides
- Lowest decline in power per year and highest **remaining power**
- Linear performance warranty and **market-leading product warranty**
- Maximum **safety** and **stability** through solar glass on the front and rear
- Withstands high **wind and snow loads**
- Resistant to **salt spray, ammonia, dust and sand**



Commercial  
rooftop systems



Private  
rooftop systems

For maximum stability and use of sunlight from both sides: Bifacial heterojunction high-performance solar module with SmartWire Connection Technology.





**Truly high yields:  
More energy per square meter**



# Maximum performance for roofs and open spaces

For the most powerful square meter under the sun.



Cell and module efficiency



Power per m<sup>2</sup>



Cell and module stability



Material quality



Damp- and weatherproof



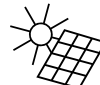
Temperature behaviour



Consistent performance



Longevity



Energy generation on both sides

## Resistant and powerful for any challenge:

- Limited areas
- Geographically unfavourable orientations
- Sunrise and dusk
- Near the coast and salt air
- Shading and cloud cover
- Heat and dryness
- Dust and sand
- Chemical aerosols in agriculture, energy and waste management
- Surfaces with light backgrounds

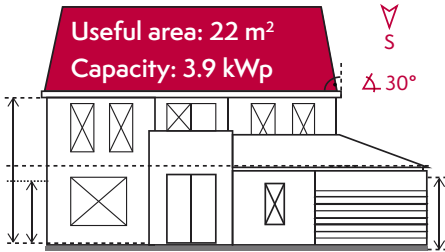


**Truly independent:  
Consistently high yields over  
a longer period of time**



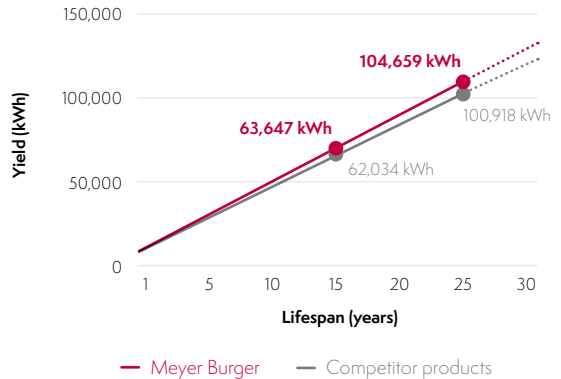
# Premium pays off. For longer.

Meyer Burger White 390 watts compared to current competitor products.\*



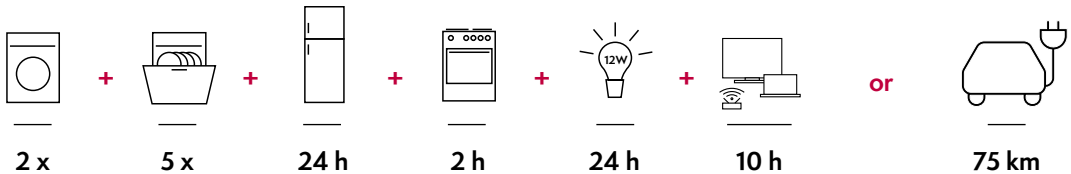
Location: Bournemouth

Term: 25 years



## Up to 13 kWh additional yield. Every month.

Meyer Burger solar modules generate an additional yield of **13 kWh per month** over a lifespan of 25 years. An **increase in yield** that you can use for your household electricity requirements or for e-mobility. **Every month.**



\* Example calculation determined with PVsyst V7.2.12 for comparison with 5 competitor products of the same power class (Longi Hi-MO 4m LR4-60HPH, Jinko Tiger N-Type 60TR, JA Solar JAM 60-S20 390-MR, SunPower SPR-MAX3-390 and QCells Q.PEAK DUO-G10+), inverter: Fronius Symo 7.0-3-M, without shading, without LID, status: August 2022



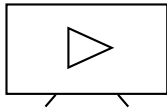
**A good investment:  
A big difference in quality,  
a small difference in price**



# Good for the climate. Good for your bank balance.

Top quality and higher yields for just 10 euros\* more per month.

This is the same as:



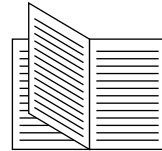
Streaming films and series  
for one month

or



One month  
of audio streaming

or



A paperback

## Premium solar modules with premium added value:

- Meyer Burger modules are made in Germany. Designed in Switzerland. From start to finish.
- Meyer Burger combines exacting quality and sustainability standards, outstanding performance characteristics, innovative technologies and fair working conditions.
- Meyer Burger means: Added value for our customers. More performance, more yields, more sustainability.

\* Average amount for a lifespan of 25 years





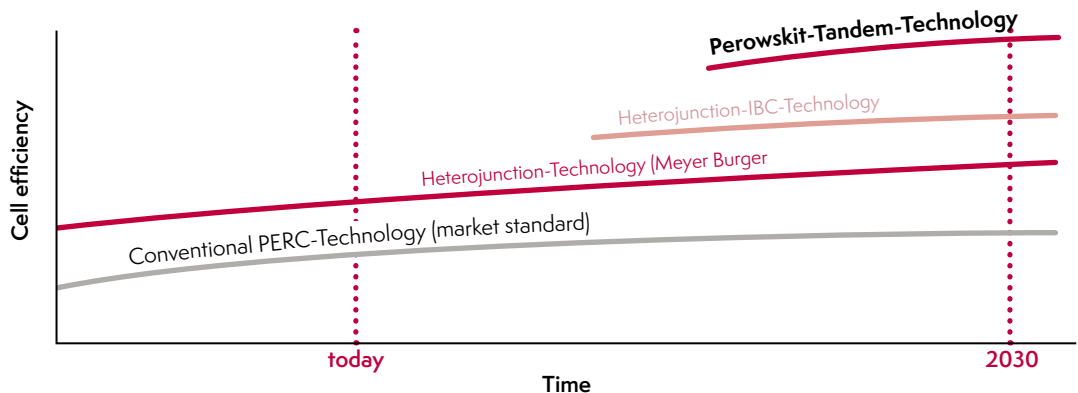
**Truly outstanding:  
Meyer Burger leaves  
the competition behind**



# Cutting-edge technology for top performance

Meyer Burger modules are ahead of the competition.  
By at least 3 years.

- Meyer Burger modules are ahead of the competition in terms of efficiency. Their **efficiency** is around **1.5 percent higher** than standard modules currently available on the market.
- The heterojunction technology used by Meyer Burger offers considerable **optimisation potential** in contrast to the widely used PERC technology.
- Meyer Burger is actively driving forward the development of so-called **HJT-IBC and Perovskite tandem solar cells**, which can achieve an efficiency of over 30 percent.
- Meyer Burger works with renowned universities and institutions such as **Fraunhofer Institute, CSEM** and **Helmholtz-Zentrum Berlin** in research and development.



# Truly well connected: Crystalline and amorphous silicon layers for maximum performance



# Top performance through heterojunction technology (HJT)

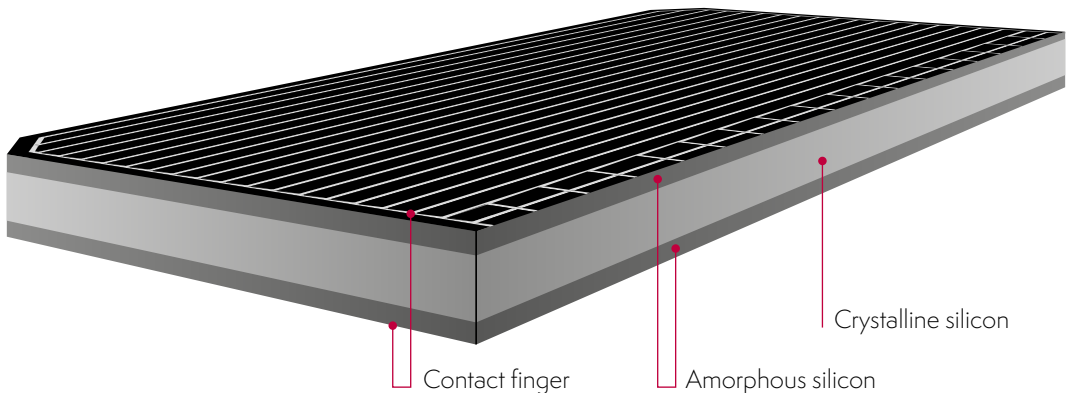
Highly developed symmetrical heterojunction solar cells with crystalline core and amorphous silicon layers.



Higher yields on hot days thanks to particularly low temperature coefficients



Increased performance thanks to maximum bifaciality factor for energy generation on both sides



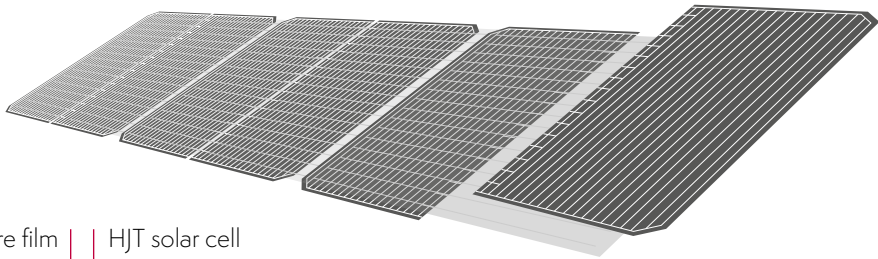
**Truly intelligent:  
Patented SmartWire technology  
for maximum stability**



# First-rate and consistent performance thanks to patented SmartWire Connection Technology (SWCT™)

Innovative cell contacting for better module stability and efficiency.

- Material-conserving cell switching in the low-temperature process without loss of efficiency compared to hot busbar soldering
- Reduced cell shadowing due to thin round wires and increased oblique light reflection
- Low electrical losses and increased efficiency thanks to dense wire matrix
- Less impact from micro-cracks and degradation (power reduction) due to minimised electrical resistance



SmartWire film

HJT solar cell



Cross-section of a cell string





**Truly stable:  
The premium backsheet  
for maximum resilience**



# The premium backsheet for maximum security

Highly stable and weatherproof thanks to the aluminium-reinforced backsheet film.



- Highly efficient cell protection, even if scratches occur on the surface
- Maximum safety during operation thanks to better heat dissipation
- Ideal protection against moisture penetration

UV-resistant outer layer

Aluminium layer

Insulating core layer

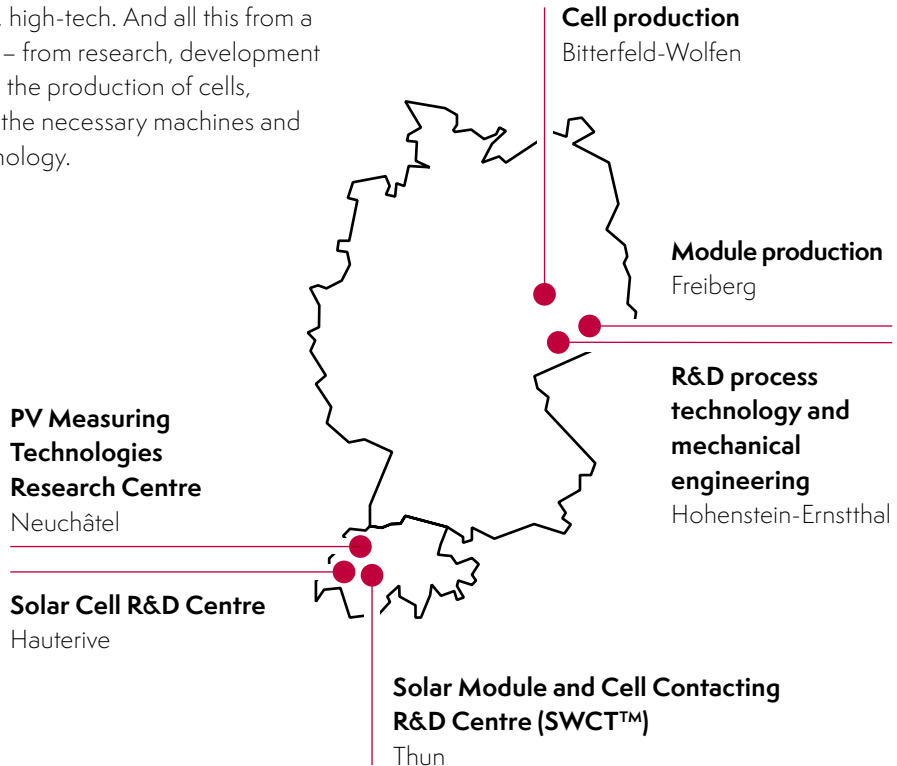


# Truly European: German engineering meets Swiss precision



# Premium solar cells and modules Made in Germany. Designed in Switzerland.

Not standard, high-tech. And all this from a single source – from research, development and design to the production of cells, modules and the necessary machines and process technology.





**Truly reliable:  
First-class warranty  
and service packages**



# Guaranteed market-leading

Thanks to market-leading product and performance warranties from Meyer Burger, you can relax and let the sun work for you.

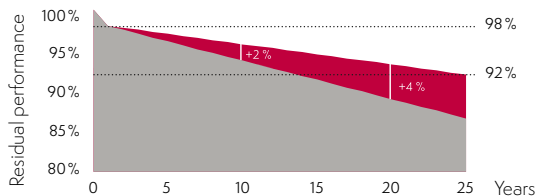
## Meyer Burger Black & White

### Product warranty

25 years

15 years\*

### Linear performance warranty



≥ 92% remaining power after 25 years

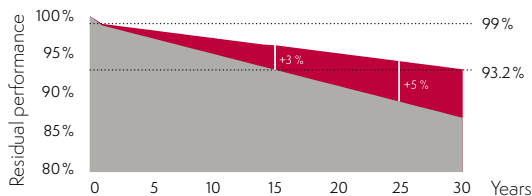
## Meyer Burger Glass

### Product warranty

30 years

20 years\*

### Linear performance warranty



≥ 93.2% remaining power after 30 years

\* Market average





**Truly fair:  
Local production, long service life,  
no toxic substances**



# Making the world of energy better. In other words: more sustainable

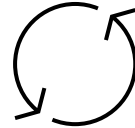
That's why Meyer Burger places great importance on resource-conserving and environmentally friendly products.



No lead



Less silver



Recycling



Local value creation  
and jobs



100% renewable  
energy in production



Fair cooperation with  
employees and partners



# In a nutshell: The right energy for your roof

Premium solar modules from Meyer Burger

# Solar modules from Meyer Burger, your contribution to the energy transition



## **Made in Germany. Designed in Switzerland.**

Production and development of solar cells and modules according to the highest quality standards in Germany and Switzerland.



## **Maximum profitability**

More energy yield on the same surface area. Maximum performance even in poor light conditions thanks to heterojunction technology – in the morning, evening or in cloudy conditions.



## **Highly durable**

Above-average cell stability, maximum resistance and non-breakable thanks to material-conserving production processes and patented SmartWire Connection Technology.



## **Consistent sustainability**

Regional value creation. Highest social and ecological standards along the supply chain. Use of lead deliberately avoided and production with 100 % renewable energy.



## **Guaranteed reliability**

Secure yields thanks to industry-leading product and performance warranties of up to 30 years. Due to the particularly good product stability, the remaining power is 92 % (glass/film) and 93.2 % (glass/glass).



## **High aesthetic appeal**

Discreet and high-quality Swiss design, suitable for all roof shapes and superior architecture.



# Meyer Burger Black, 375 W

Location: Onsala (Kungsbacka), Sweden

Capacity: 11.6 kWp





# Meyer Burger Black

“Our customers choose us because we focus on quality and attractive design. Meyer Burger is the best choice to meet all requirements for a perfect installation. All aspects of quality, performance, aesthetics and warranty come together here to form one large entity.”

Robert Nordh, Managing Director, Nordh Energy Solar AB

**Location:** Onsala (Kungsbacka), Sweden

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**Product:** Meyer Burger Black, 375 W

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**Capacity:** 11.6 kWp

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**Application:** Private rooftop system

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**Installer:** Nordh Energy Solar AB







# Meyer Burger White, 380 W

Location: Muhen, Switzerland

Capacity: 11 kWp



# Meyer Burger White

“What impresses me about Meyer Burger modules? They’re simply beautiful. And also a real Swiss-German product with expertise from here and made in Germany. Short distances, good product features. Which also impresses my customers.”

Adrian Wyssbrod, Managing Director of WYSolar GmbH

<b>Location:</b>	Muhen, Switzerland
<b>Product:</b>	Meyer Burger White, 380 W
<b>Capacity:</b>	11 kWp
<b>Application:</b>	Private rooftop system
<b>Installer:</b>	WYSolar GmbH





# Meyer Burger Glass, 370 W

Location: Strängnäs (Södermanland), Sweden

Capacity: 17.4 kWp





# Meyer Burger Glass

“Our customer wanted modules with good performance, warranties and a good price-performance ratio and had a lot of questions about ethics and the working environment. Meyer Burger was the only option for us. It’s a company you simply want to work with.”

Ida Norström, Vice Director, Energy Effective Solutions Mälardalen AB

**Location:** Strängnäs (Södermanland), Sweden

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**Product:** Meyer Burger Glass, 370 W

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**Capacity:** 17.4 kWp

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**Application:** Private rooftop system

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**Installer:** Energy Effective Solutions Mälardalen AB

