

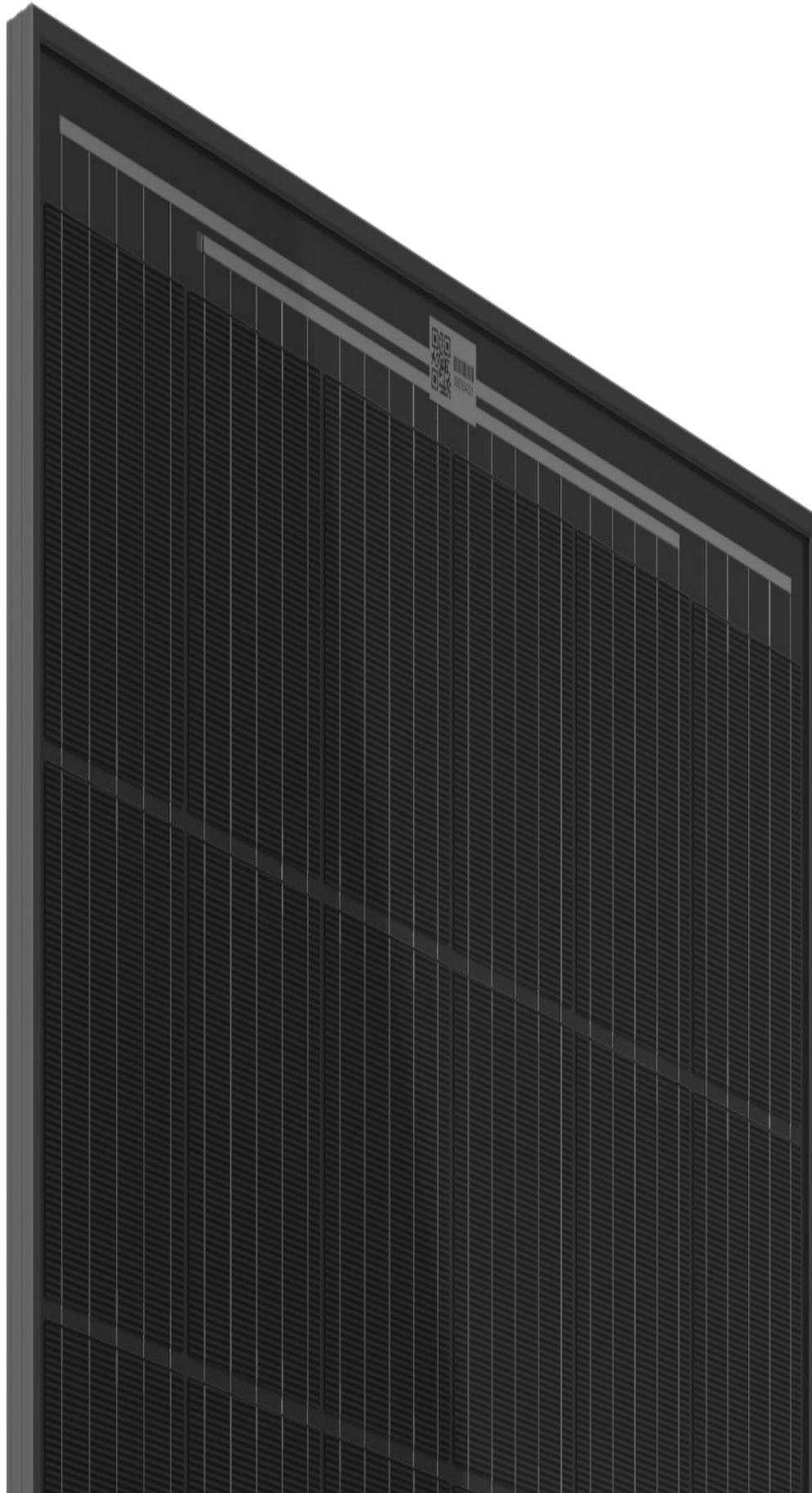


■ Made  
■ in  
■ Germany

**The solar modules that  
make a difference for your business.**

**Boost your activity and reputation with our premium solar modules.**

**aleo**



## **We make your customers love you. And your business thrive.**

**You want your business to be as successful as possible, and so do we. At aleo we think solar panels define customers' satisfaction and enhance business reputation. That's why we focus on making solar panels reliable and going solar "stress free" experience for end customers. Because there is nothing more desirable, when going solar. They want their solar working perfectly. Offer them aleo's serenity, they will love you, and your business will thrive. This is what we help you achieve. Let us tell you how.**

## We provide the centerpiece of a reliable PV system. A solar module made to last. MADE IN GERMANY.

There is one simple rule to make your business successful and your customers thankful.  
Choose a module made to last.

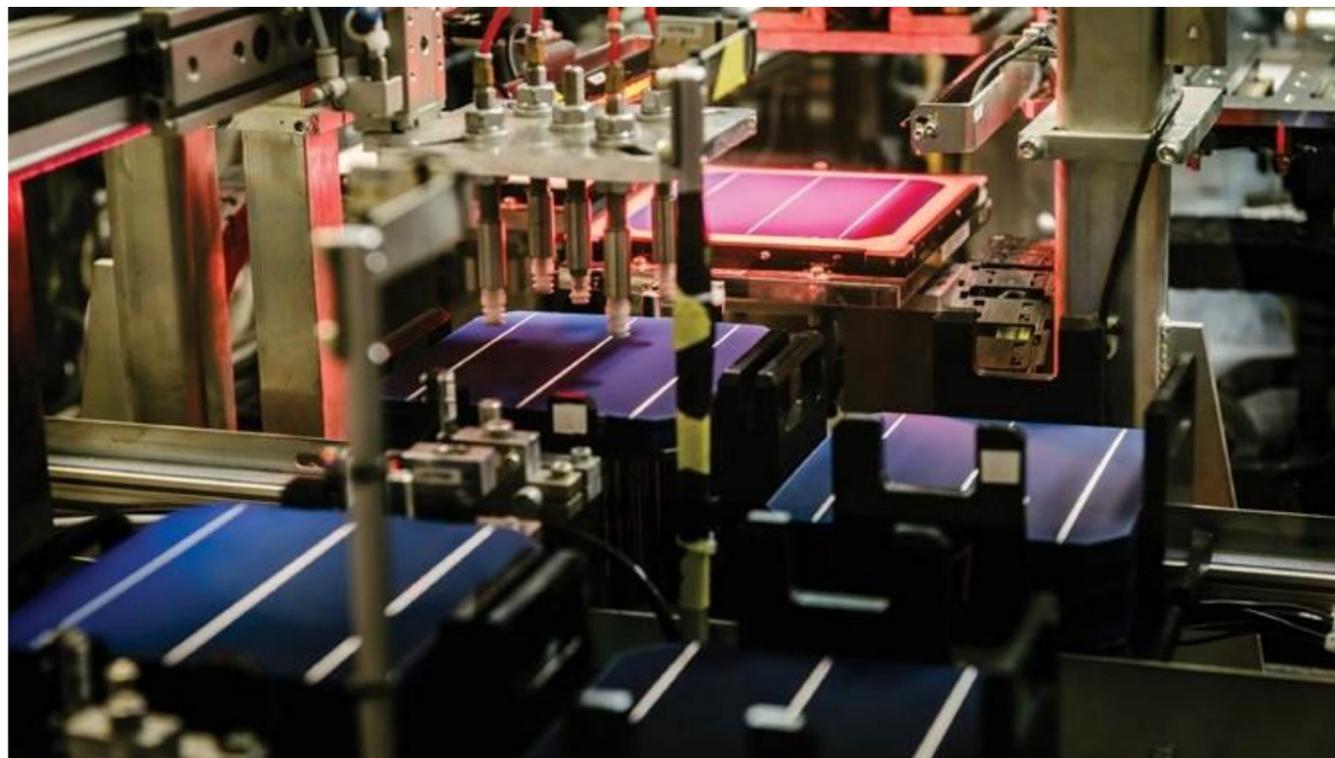
When investing in a solar system, there are only two ways to decide. Either looking for the lowest investment or looking for the lowest Total Cost of Ownership. Of course, the second option leads to the highest profitability. The centerpiece of such an approach is a module's performance and behavior guaranteed to be stable for more than two decades. This will allow you to keep your promises when it comes to product reliability and to save money. When the time comes to choose a supplier, relying on datasheets and IEC certifications is not enough to be sure that a module will last for more

than two decades. In an industry so prompt to cut corners at the expense of quality, what remains is trust. Which company has the values and the processes to ensure reliable behaviour and performances? Since our inception in 2001 in Germany, we have assembled a team of passionate people, who constantly strive for excellence and care for customers by building the most durable modules. You can trust us for being a partner that will help grow your business, not the other way around.

# 100%

Quality - Liability - Partnership - Ethic

**We know how to keep our partners satisfied over 20 years!**



## PREMIUM CRAFTSMANSHIP IS OUR CULTURE.

### WE COMBINE THE BEST COMPONENTS

The know-how behind the selection and association of components makes the difference between modules. Selecting the right Bill of Materials will ensure the stability and performances of our products. It takes time and dedication to make those decisions. But it is for the sake of your business and your customers.

In order to simulate the expected lifetime of modules, international standards are not stringent enough. That's why, over the years, we have set our own standards that go much further than any official requirement. We test at least every new material twice as much as the IEC standards and even much beyond when we consider it necessary.

### WE TEST WAY BEYOND STANDARDS

### OUR PLANT IS UNDER CONTROL

All our modules are produced in our unique plant in Germany. Well established processes, recognized as state of the art by independent auditors over and over again, as well as exhausting internal tests designed to provide you with homogeneous and repeatable high quality which you won't have from a supplier managing complex supply chains. We make sure all modules leaving our plant are absolutely default free.

- + 100% diodes tested
- + 100% snail trail free
- + Salt mist corrosion resistance
- + Ammonia corrosion resistance
- + Sand and dust resistance
- + ISO 9001
- + ISO 14001
- + ISO 50001
- + OHSAS compliant
- + PID free

### OUR QUALITY IS CERTIFIED



## Industry leading warranties

Our modules are made to last. Same approach to the customer care we offer.

### Product

The highest quality material on your roof with guaranteed yield for 25 years.

### Performance

The highest performance material on your roof guaranteed for 25 years.

We support 100% of the costs related to the replacement of a defective module under guarantee.

We take full responsibility for the labor costs involved in the product replacement.

**aleo**

 made in  
Germany

the circle of PV life warranty

aleo

25yrs aleo  
Total guaranteed  
yield  
376.000kWh

+ 105%  
guaranteed  
yield

20yrs  
Total guaranteed yield  
305.000kWh or + 64%  
guaranteed yield

15yrs  
Total guaranteed yield  
229.000kWh or + 23%  
guaranteed yield

12yrs  
Total guaranteed yield  
183.000kWh

Product a  
Product b  
Product c

Output\_10kW\_PV  
Type\_residential  
Irradiation\_1640kWh/m<sup>2</sup>

aleo 98% nominal output first 2yrs  
25yrs Product & Performance Guarantee  
-0.56%/yearly reduction

20rs Product Guarantee  
25yrs linear Performance Guarantee  
min 98% in the 1st year, thereafter -0.5%/yr

15yrs Product Guarantee  
25yrs linear Performance Guarantee  
min 97% in the 1st year, thereafter -0.7%/yr

12yrs Product Guarantee  
25yrs linear Performance Guarantee  
min 97% in the 1st year, thereafter -0.7%/yr

aleo

made in  
Germany

**Just make a simple calculation.**

**A business plan based on the factory / product guarantee which is the real guarantee and not based on the performance guarantee, which is just a projection of how the panels will perform if it works.**

**You will see that the price you offer to your customer, based on the guaranteed yield is lower than the low quality panels.**

**We supply solar electricity no matter what!**

**We make solar energy rhyme with serenity.**

**We care for your customers to trust solar energy. First, by manufacturing reliable products. Second, by standing behind our craft. Whatever happens. That's why you and your customers can rely on industry-leading warranties and the reliability of an established group.**

**When going solar, your customers want their autonomy and produce their own electricity while contributing to create a cleaner world. They have simple yet challenging expectations. As they are told solar panels last decades, they expect their solar system to work properly over the years. That's why we designed**

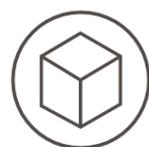
**the most durable solar panels that come together with the best guarantee package: 25 / 25 no matter what. Just in case.**

# **We make your customers enjoy their solar powered life easily**



**YEARS PRODUCT GUARANTEE**

**Our solar modules have a standard 25 years product guarantee. Simple as it is!**



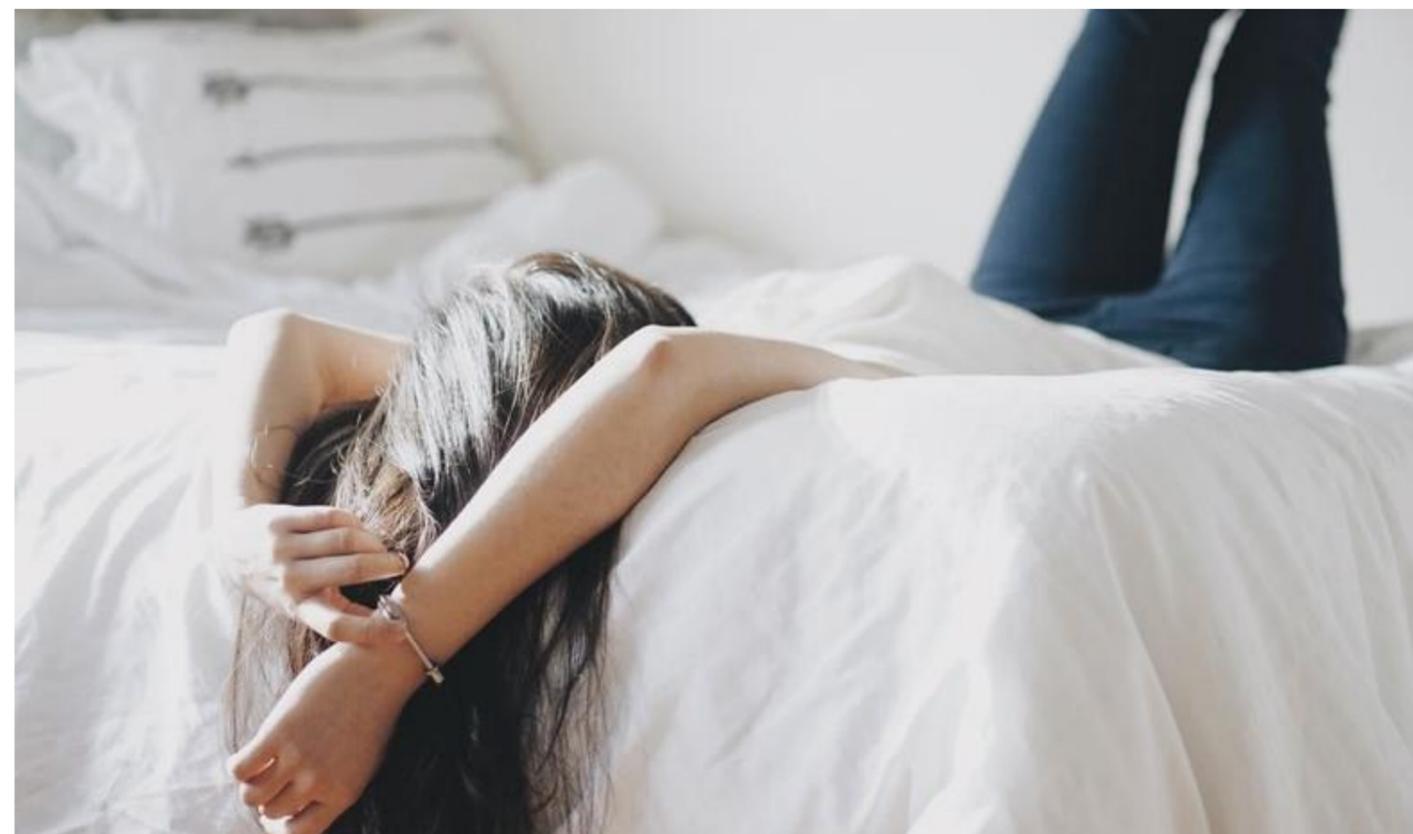
**100% OF COSTS COVERED IN CASE OF FAILURE  
If our modules should ever fail because of internal defects, we cover the costs of modules replacement, transportation and labor costs.**

**Because we can do it for you!**

**Because we are Quality Leaders!**

## **Customer friendly guarantees**

**In its May 2017 issue, the German magazine Photon reviewed the guarantees of more than 20 manufacturers and ranked also among the 4 best at customer friendliness. Guarantees are not only to be offered. We care about executing them properly when needed so our customers can have their system always running properly if anything goes wrong.**



## Know-how Made in Germany. Since 2001.

Incorporated in 2001, aleo is recognized as one of the most trustworthy manufacturer of solar modules. The company produces all its products in its plant in Germany. aleo lives by strong values that pushes the company to pursue industrial excellence to make solar energy always more reliable for citizens to go solar confidently.



 Made  
 in  
 Germany

## OUR GROUP ALREADY BUILDS YOUR CLIENT'S WORLD. LET IT POWER IT WITH SOLAR ENERGY.



A WORLDWIDE LEADER IN SEMICONDUCTOR AND SOLAR ENERGY  
In 2014, aleo joined the Sino-American Silicon Products (SAS) group as a wholly owned subsidiary. SAS is the third largest manufacturer in the world of silicon wafers. With more than 8500 employees and 2,2bn\$ turnover in 2019, the group manufactures the components used in computers, phones, cars, trains, cameras, connected devices...you use in your every- day life. It is also a recognized technological leader in high-efficiency solar

**8500**  
employees

**2,2bn\$**  
Turnover 2019

**SAS supplies components to companies such as IBM, Intel, Samsung, Bosch, ABB, Sharp, etc. used in the electronic devices we all use every day around the world. Your customers can trust aleo solar modules as well, for a reliable production of solar electricity for decades.**

THEY TRUST THE SAS GROUP.  
WHY WOULDN'T YOU?

# Stay tuned

Follow us on social medias and read our blog to get all our latest news and insights about the solar industry.