

Italian panel generation



2023
the Italian
revolution in the
photovoltaic sector
has begun!

Coming to you
from Piedmont, the new
production plant for
the Omnia Solar panels
with a yearly production
capacity of 600 MW,
an area of 12,000 m²
and a 3,000 KWp installed
for our production line.



1.

We have chosen to produce our photovoltaic panels in Italy

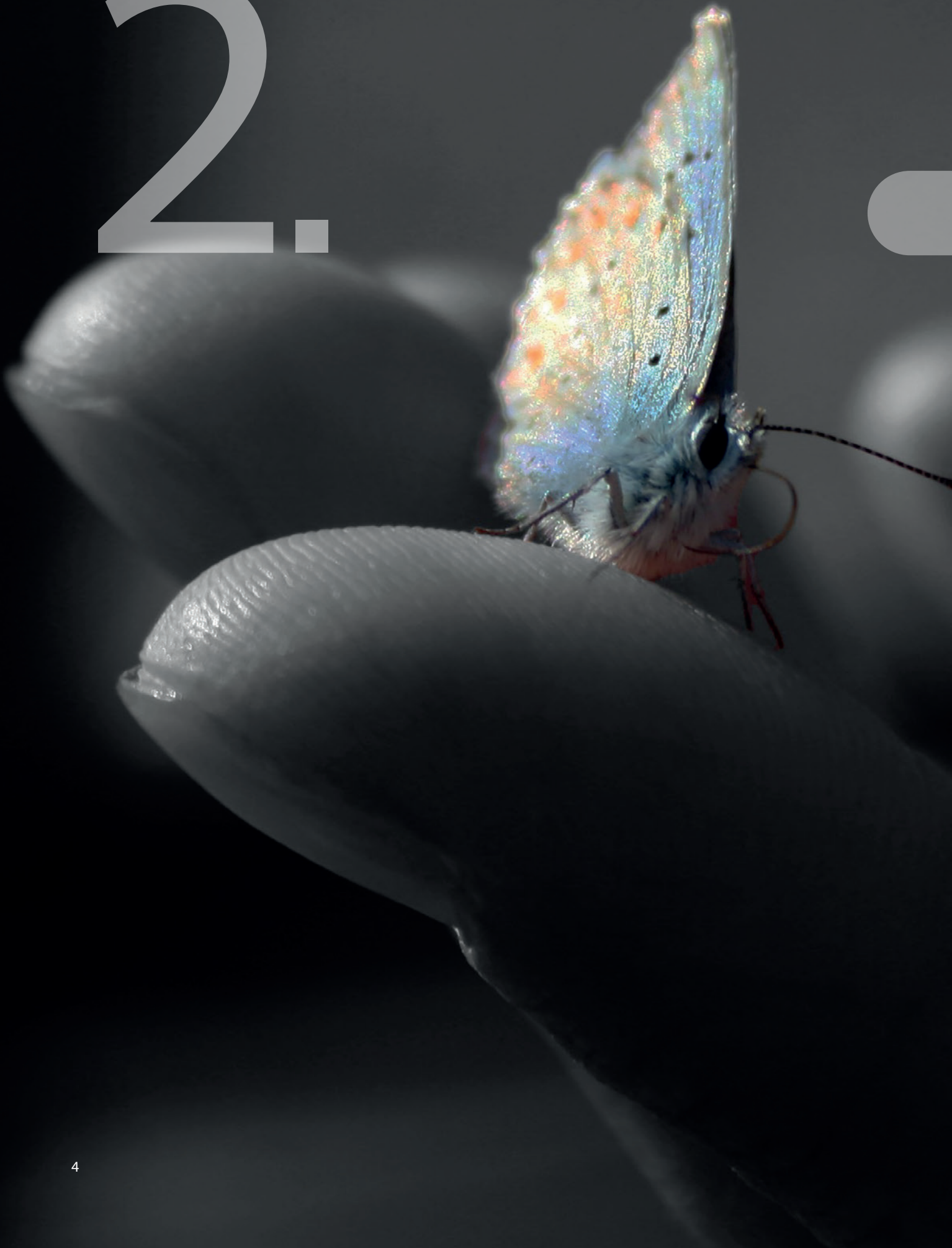


We are a close-knit team of entrepreneurs with twenty years of experience in the world of renewable energies and in particular in photovoltaics, a sector in which we are sure we are highly qualified.

We believe so much in “Made in Italy” that we have launched the first Italian private initiative for the production of photovoltaic modules. This challenge excites us!

As if that weren’t enough, we set out to revolutionize the commercial dynamics of the photovoltaic sector in our country. We will be by your side bringing all the assistance and training that is missing today. A second challenge. Yes, we are determined and ambitious.

2.



We decided to check them all! One by one



That's right, spot checks are not enough for us, we carry out functional tests on 100% of the panels produced before placing them on the market.

To make the panels as they should be:

- we use selected and verified raw materials;
- we have automated all phases of the production process;
- we supervise each processing step with operators dedicated to technical supervision and visual inspection.

All of this allows us to obtain an even higher quality standard and to keep a really important promise.

Which? We reveal it to you on the next page.

3.



We offer a warranty that does not joke around:

30 and **40** years!

Yes, it's a nice guarantee, it may seem exaggerated.

We couldn't have given it if we hadn't stubbornly decided to bring production entirely to Italy to have full control over it.

A 30 and 40 year warranty on the product and a power output of more than 85% after 25 or 30 years: a considerable quality, for those who install them and for those who buy them.

That's how committed we are.

On all our products



All Omnia Solar photovoltaic modules enjoy these guarantees and, to be reasonably sure of having you as a customer, we have developed 4 lines of panels.

They have been specially designed for different targets and uses, even the most creative ones: for homes, companies and large systems.

Curious to see them? Just flip the page over!

4

We present our **jewels**:
high-efficiency modules, for
homes, companies, large systems.

1722 x 1134 mm



2094 x 1134 mm



Silver

Ideal for residential and commercial applications, available in **415 Wp** and **510 Wp** sizes with silver frame.

Available with black frame in **415 Wp** size.

1722 x 1134 mm



Elegance

Total Black aesthetics for applications with high image impact.

Available in **410 Wp** size.



30 years warranty on the product
Power output > **85%** after **25** years



Higher production power



High performance reliability even with environmental temperature shifts



High mechanical stress resistance



Minimal impact from shade to power production



Felling of hot spot generation risk

2384 x 1303 mm

2278 x 1134 mm



Performance

Bifacial double glass module. It combines high production performance with top physical-mechanical characteristics.

Available from **545 Wp** to **660 Wp**.

40 years warranty on the product
Power output > **85%** after **30** years



Iride

Colored module, for "tailor made" aesthetic customization. Also available in "frameless" double-glazed version for facade integration.

www.omniasolar.it

5.



We have all certifications. And something more

To place a product on the market, various certifications are required, but we weren't satisfied with the basics for Omnia Solar panels, we wanted to go further.

We have tested our panels by simulating the most unfavorable environmental conditions, such as salt and ammonia.

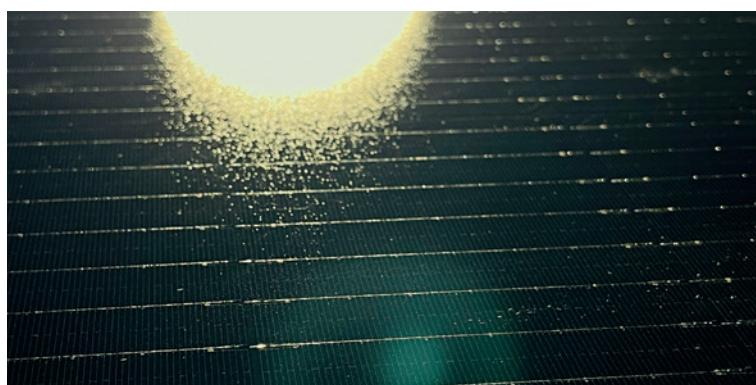
These additional tests and the relative certifications have allowed us to offer such a high guarantee on the product. To date the highest on the market.

In short, we wanted to create a 100% made in Italy panel with what it takes to compete on the international market. You know, when Italians commit themselves to making a product, they don't want to be second to none. A little presumptuous, but sometimes they succeed.

6.



We are producers: we are always on point



We are hungry for technology and, for this reason, we never miss out on the latest innovations.

We use crystalline MONO cells with **Half-cell** configuration **PERC** technology, welds up to **11 busbars** and the innovative **TOPCon** technology.

From this peculiarity of ours, a fruitful collaboration with important research institutions in Italy is born.

All this allows us to continuously improve the production processes and consequently the quality standard of the photovoltaic modules.

You can rest assured: with Omnia Solar you will have a product that is always in line with the best the market can offer.

7.



We created the service that didn't exist. And that was needed a lot

We are aware of the lack of assistance, training and consultancy in the photovoltaic technical sales network. For this reason we have created the service that all operators wanted. With Omnia Solar you can always count on valid pre- and post-sales support.

You will have direct and immediate advice, even on site, warehouse availability of the entire range of panels and spare parts and, therefore, no waiting for delivery times. All of that is so much stuff!

We also want to be your business partner, offering you everything you need to scale up your business. Contact us and you will see.

8.



We've also thought about the future. Which is already here

Yes, we've thought about it: how to dispose of used panels?

Well, we have decided to manage the recycling of photovoltaic modules directly and independently.

We are building our own Recycling Hub, a purpose-built disposal and recovery facility to handle panels. We will test modules that can still be efficient, when placed in countries with a warmer climate, to create a 2nd Hand market.

The exhausted ones will be treated to recover the maximum of their raw material: about 95%.

Of course, we won't deal with our panels for at least 30 years, but we will transform the panels put already on the market by other manufacturers into a resource.

It is a great effort that allows us to enter, as a true and active player, the virtuous cycle of the circular economy.

A circle that closes like the O in Omnia.



OMNIA[®]
S O L A R
Italian panel generation

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