



/// PEIMAR

**Energy that
connects**

2026

www.peimar.com

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It is important to point out that all technical specifications, information and figures contained in this datasheet are estimated values. Peimar reserves the right to change the technical specifications, information and figures contained in this document at any time without notice.

Who we are

Peimar, Italian excellence serving renewable energy worldwide

Peimar is an Italian company with a strong international vision, active in the photovoltaic sector since 2007 and today recognized as a manufacturer of high-efficiency photovoltaic modules.

With nearly twenty years of experience, Peimar has built a path of steady growth, evolving alongside the renewable energy market and combining technological innovation and manufacturing quality with the passion and reliability that define Made in Italy.

Over the years, the company has strengthened its industrial role, developing in-house production of photovoltaic modules, now carried out across multiple manufacturing sites. Highly automated processes

and rigorous quality control systems allow us to oversee every stage of the production cycle, ensuring reliable, high-performance modules with consistent results over time, suitable for residential, commercial and industrial installations.

Alongside its manufacturing growth, Peimar has expanded its offering, establishing itself as a comprehensive photovoltaic partner, capable of supplying not only modules but also integrated energy management solutions. This evolution has been supported by a progressive expansion into international markets, through local offices and partners working in close synergy with the Italian headquarters.

Today, Peimar continues to invest

in technology, production and international development, with the goal of making a concrete contribution to the spread of renewable energy and positioning photovoltaics as a reliable, efficient and accessible choice.

"Our journey is built on commitment and growth."



Our commitment

Energy, innovation and sustainability: the principles that guide us

Peimar's mission is to contribute to the creation of a more sustainable future by delivering energy solutions that combine innovation, quality and environmental responsibility. We believe that clean energy is not only a necessity, but a right for everyone, and we work every day to make it accessible, efficient and long-lasting.



**Growing responsibly,
innovating with vision,
building with trust**

Energy

Shared passion

Innovation

Continuous research

Sustainability

Responsible growth

From the very beginning, our identity has been closely linked to the values of Made in Italy: attention to detail, a passion for innovation and a strong focus on design are reflected in every product we develop. This approach allows us to deliver high-level photovoltaic solutions to our customers and partners, driven by continuous research and advanced manufacturing processes.

For us, sustainability is not a slogan, but a concrete commitment. It means reducing environmental

impact, developing technologies that respect people and the planet, and supporting the spread of a more equitable and responsible energy model. For this reason, we go beyond the production of photovoltaic modules, offering an ecosystem of solutions and services that support customers at every stage of the project, from product selection to post-sales support.

People are at the heart of everything we do. We work with our partners based on trust and transparency,

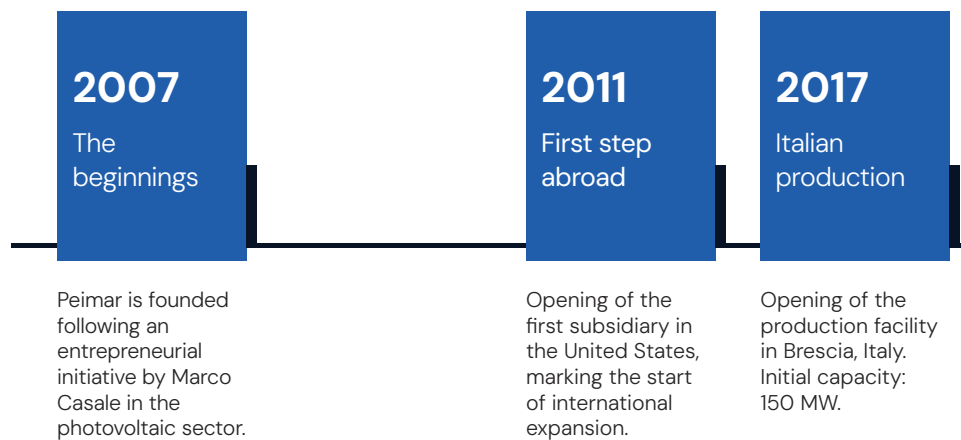
building strong and long-lasting relationships. Customer satisfaction is the greatest recognition of our work and the driving force that motivates us to improve every day.

We look to the future with enthusiasm and responsibility. Our ambition is to become a global reference point in the renewable energy sector, while always preserving the values that have shaped our growth. Energy, innovation and sustainability: these are the pillars that guide us and define our mission.

Peimar over time

A growth journey built over time, shaped by vision, industry and global markets

Since 2007, Peimar has embarked on a path of steady growth, evolving alongside the photovoltaic sector. A story defined by industrial development, international presence and a forward-looking vision.



Since 2007, Peimar's history has been a growth journey built over time, guided by vision and the ability to evolve alongside the photovoltaic sector. The company was founded in Italy following an entrepreneurial initiative by Marco Casale, current CEO, with the aim of bringing expertise and reliability to a rapidly expanding market. In the years that followed, Peimar strengthened its organizational structure and

progressively expanded its scope, entering international markets.

The first step beyond national borders came in 2011 with the opening of a subsidiary in the United States, followed over time by new offices in Panama, Tunisia, Canada, India, Dubai, China, Spain and France. This international expansion has enabled Peimar to operate closer to local markets, understand specific regional needs and provide direct, qualified support to its partners.

A key milestone was the entry into in-house manufacturing of photovoltaic modules, launched in 2017 with the opening of the Castegnato (BS) production facility, with an initial capacity of 150 MW. Production capacity grew rapidly, reaching 300 MW in 2019 and 500 MW in 2021, driven by continuous investments in automation, quality control and technological development.

Alongside the growth in module sales, between 2017 and 2018



2018

Expanded offering

Launch of Peimar-branded complete photovoltaic solutions.

2021

Global expansion

Peimar reaches a production capacity of 500 MW and operates 8 subsidiaries worldwide.

2025

Gigawatt scale

Expansion of a 1 GW production line in China and opening of the Chinese subsidiary

2026

Production site upgrade

Renewal of the Italian production line.

Peimar expanded its branded product portfolio to include inverters, energy storage systems and complementary solutions for photovoltaic installations, enabling the company to offer increasingly complete energy systems.

Over the years, Peimar has further strengthened its industrial profile by combining Italian manufacturing with strategic partnerships and broadening the range of solutions available for different markets.

This journey culminates in 2025 with the expansion of a 1 GW production line in China, enabling the company to operate on a gigawatt scale, while 2026 will mark a further step forward with the renewal of the Italian production line.

Today, Peimar is a multinational company with multiple manufacturing sites, a global presence and a comprehensive photovoltaic offering. A growth journey built step by step, combining Italian roots,

industrial development and a vision focused on the future of energy.

**Nearly 20 years
of growth on a
global scale**

A dynamic team

An organization that grows together

Peimar is led by a cohesive organization in which every individual plays a fundamental role in the success of the group. The headquarters in Italy coordinates strategy and development, while international subsidiaries add value through their in-depth knowledge of local markets and direct support for customers and partners.

Every department and every office, in Italy and abroad, represents an essential piece of a single mosaic. It is thanks to the work of all our people that we are able to deliver high-quality solutions, build strong relationships and grow as a global group.

“Our journey is built on commitment and growth: every challenge becomes an opportunity, every step a value that guides us toward excellence.”

Marco Casale
C.E.O. | President



Our teams

Within Peimar, several departments and offices operate in close coordination, forming a solid and integrated organizational structure. Accounting, Operations, Marketing, Sales, Technical Office, Technical Support, IT and Human Resources represent the core of the company's activities, both at the headquarters and across international offices. Each department contributes specialized expertise and clearly defined responsibilities,



Francesco Conforti

Chief Technical Officer

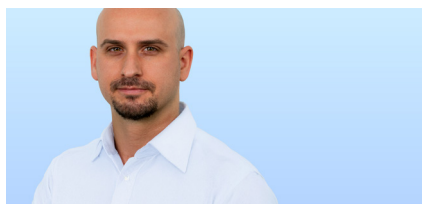
Responsible for technological development, he leads innovation by transforming research and technical expertise into reliable and efficient solutions, in line with the evolution of the photovoltaic sector.



Maristella Ferraboli

Head of Technical Sales

She coordinates technical and commercial support, working with customers and partners to define tailored solutions and manage complex project requirements.



Luigi Di Bisceglie

Factory Director

He oversees and coordinates production activities, contributing to the efficiency of industrial processes and to maintaining the company's quality standards.



Alice Bonetti

Operations Director

She oversees the commercial back office and operational processes supporting sales activities, ensuring accuracy, efficiency and smooth management of operations.



Matteo Dusi

Marketing Director

He defines and develops communication and brand positioning strategies, enhancing the company's identity and the Peimar offering across its target markets.

+100
Professionals

10
Locations worldwide

supporting the overall functioning of the company while sharing the same values and objectives.

The Accounting department ensures financial stability and management control, while Operations coordinates operational processes in support of business activities. Marketing and Sales work in synergy to strengthen brand identity and develop markets, supported by the Technical Office and Technical Support teams, which

provide qualified assistance and reliable solutions at every stage of the project. The IT department ensures continuity and development of digital systems, while Human Resources promotes growth, training and employee well-being.

Alongside office-based activities, Peimar relies on dedicated production and logistics teams that operate daily in manufacturing facilities and warehouses, making a tangible

contribution to product quality and supply chain efficiency. Overall, more than 100 professionals work for Peimar every day, across headquarters, international subsidiaries and production sites.

The company's true strength lies in the daily collaboration between departments and teams, enabling Peimar to operate as a single, unified organization and respond effectively to market needs.

Peimar worldwide

An international presence built over time

Over the years, Peimar has built a solid and structured international presence, developing a network of operational subsidiaries across multiple continents. A growth path driven by a clear vision, enabling the company to strengthen its organization beyond national borders while maintaining a strong connection to its Italian roots.

This expansion has been primarily organizational and cultural. Each subsidiary is established to represent Peimar in local markets in a consistent and recognizable way, interpreting the brand's values and acting as a point of connection between global vision and local specificities.

Subsidiaries operate as fully-fledged offices, fully integrated into the corporate organization and in constant coordination with

the Italian headquarters. Shared processes, common standards and unified strategic guidelines ensure operational consistency and a strong brand identity across different markets.

The value of Peimar's international network lies in the balance between global vision and local expertise: a solid and long-lasting structure, capable of growing over time while maintaining a strong and credible international identity.

**Each subsidiary
is an extension of
our values and our
commitment**





ITALY

Via Cefalonia 70 – 25124 Brescia

SPAIN

Avenida Juan Carlos I, 13, 5ºB, Torre Garena, 28806 – Alcalá de Henares. Madrid

FRANCE

105 Rue Anatole France 5th Floor, 92 300 Levallois-Perret, France

TUNISIA

Residence Saray, Bvd Yasser Arafet, Bl/A, 2º Etg, Pat/A21 Sousse, Tunisia

DUBAI

JLT Cluster P, Armada 2, Unit 1402, Dubai UAE

INDIA

Shyamala Towers, 136, Arcot Rd, Saligramam, Chennai, Tamil Nadu 600092

CHINA

Room 2303, Duofangda Mansion, Baisha Road Street, Cixi City, Ningbo – Zhejiang

USA

601 Route 73 North, Suite 205, Marlton – NJ 08053

CANADA

1800 Av McGill-College Ave, Floor 8 Unit 815, Montréal, QC H3A 3J6

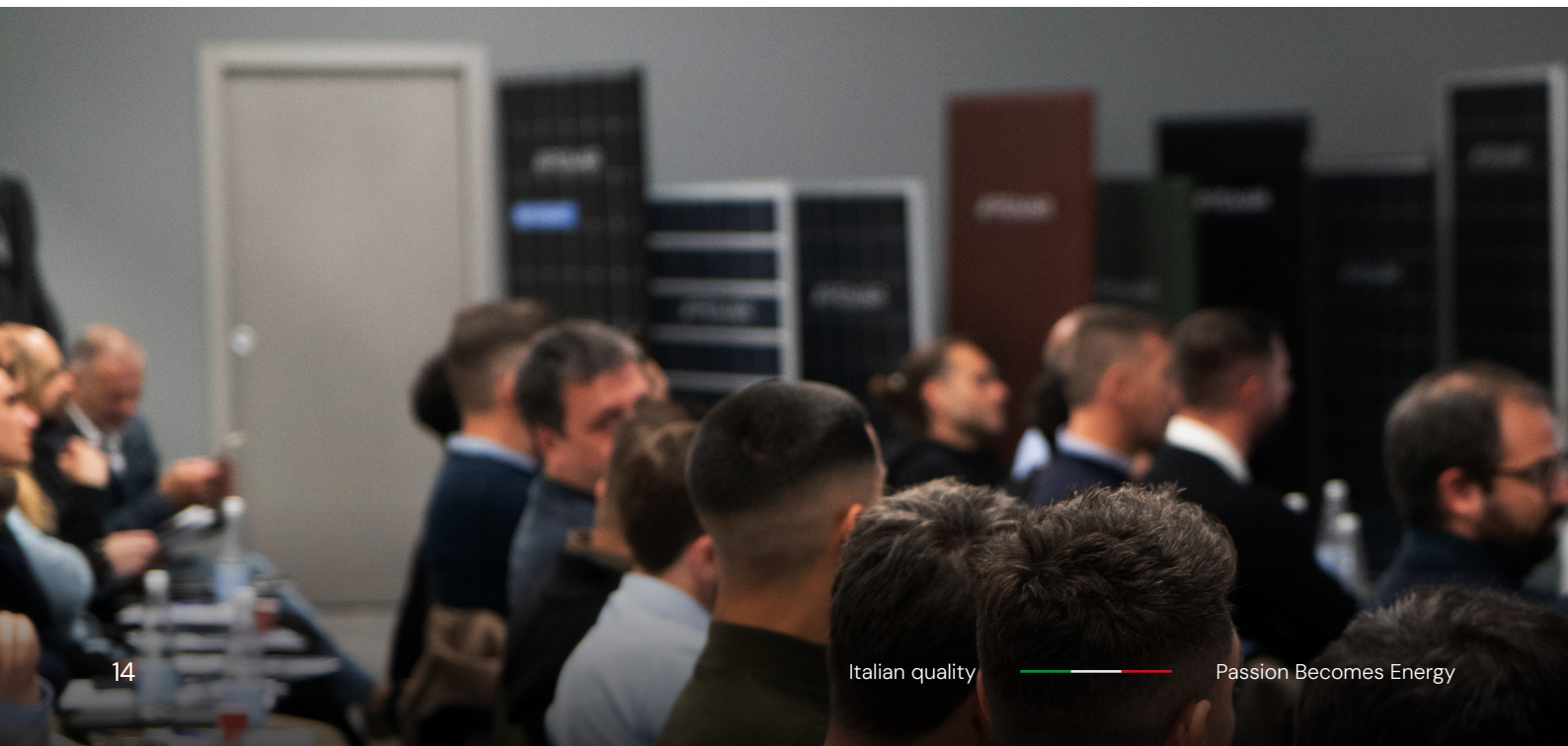
PANAMA

PH Torre Global Piso 15 Oficina 15-06 Bella Vista Calle 50 y Calle 58 Este

Global sales network

A shared operating model,
working alongside our customers

Peimar's sales teams support the selection of the most suitable solutions and guide each project through its various stages. Organized by geographical areas, they ensure a strong local presence across reference markets and direct engagement with customers and partners. Constant coordination with the headquarters and with the group's technical and operational departments ensures consistency, quality and continuity of service, fostering long-lasting relationships built on trust and collaboration.



Support

Ongoing consultancy

Relationship

Shared trust

Proximity

Direct contact

Meetings and training

Meetings and training are an integral part of the relationship between Peimar and its customers and partners. Subsidiaries, together with the headquarters, regularly organize technical and commercial meetings, in-depth product sessions and events dedicated to new technologies, fostering continuous updates and the exchange of expertise.

Alongside these activities, Peimar offers the opportunity to visit its production facilities, subject to prior coordination, to experience the industrial process firsthand. These visits allow participants to gain direct insight into our operating methods, understand production processes and experience the quality that defines our work, with a focus on transparency and shared knowledge.

Continuously evolving production

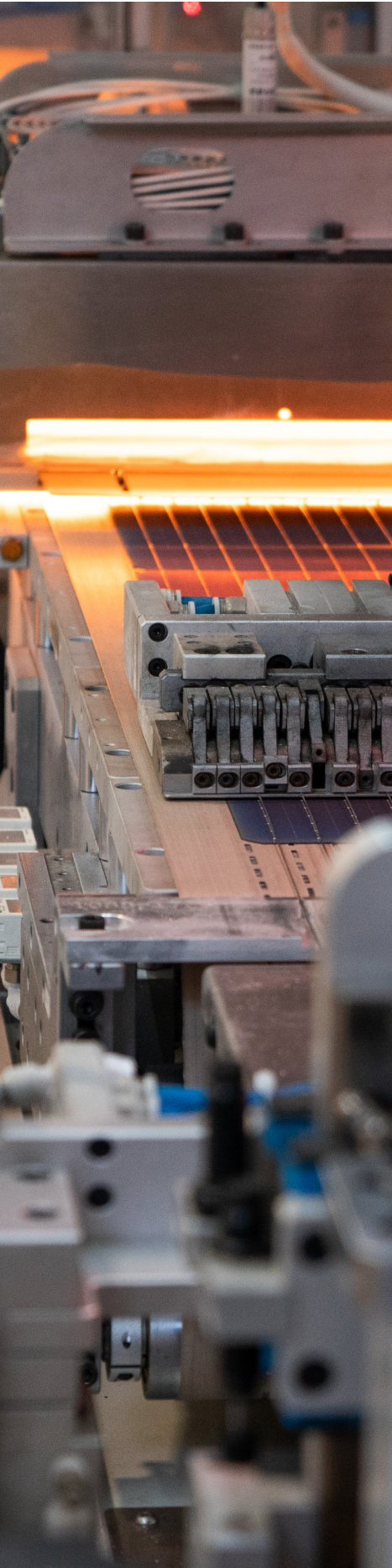
At Peimar, we directly design and manufacture high-efficiency photovoltaic modules, produced using premium-quality materials and highly automated processes. Every production phase—from cell selection to assembly and packaging—is managed in-house to ensure consistent standards and full traceability.

Our production has evolved over time, keeping pace with advancements in photovoltaic technology. From early experience with polycrystalline modules, which marked the early stages of the industry, we moved on to advanced monocrystalline PERC solutions, and have now reached TOPCon technology, representing the state of the art in terms of efficiency, reliability and energy yield.

This path of continuous growth demonstrates Peimar's ability to innovate and adapt to the needs of a constantly evolving market, while always maintaining the same objective: to deliver superior-quality, durable and cutting-edge products.

Production evolving alongside technology





Quality verified at every production stage

At Peimar, every photovoltaic module undergoes rigorous inspections at each stage of the production process, ensuring compliance with the highest international standards. Through automated systems and high-precision measuring instruments, key electrical, mechanical and visual parameters are monitored, guaranteeing consistent performance and long-term reliability.

1. Cell dimensional testing

As a first step, stringer machines perform a test on each individual cell, verifying correct dimensions and surface area—a parameter that directly influences power output and energy yield.

2. Pre-lamination visual inspection

Before lamination, a visual inspection is carried out to detect any potential anomalies.

3. Pre-lamination electroluminescence testing

This test verifies the optimal condition of the cells. If any non-conformities are detected, the affected cells are replaced. The “repaired” module is then tested again using electroluminescence to confirm compliance.

4. Ground insulation measurement

This test is performed to verify compliance with applicable standards by measuring the insulation resistance between live parts and ground.

5. Flash test

Using a light pulse that simulates solar irradiation, the electrical parameters of the modules (V_m , I_m , V_{oc} , I_{sc} , P_m) are measured. This process verifies compliance with nameplate electrical ratings and related tolerances.

6. Final electroluminescence testing

At the end of the production process, electroluminescence testing is performed once again to ensure the absence of cell cracks or anomalies that may have occurred between lamination and the final production stages.



Production

Over
1.5 GW
Production capacity

2+
Production sites

Gigawatt-scale manufacturing sites

Peimar production facilities

Peimar operates through two highly specialized manufacturing sites, which represent the technological core of the group and the meeting point between innovation, automation and quality. Together, the two facilities enable a total annual production capacity of 1.5 GW, ensuring consistent volumes and a competitive presence across key international markets.

Alongside its two manufacturing sites, Peimar integrates selected industrial partnerships in order to adapt to the different requirements of international markets. This approach strengthens production continuity and expands the company's ability to respond effectively to a wide range of application needs.

The Made in Italy production core

The Castegnato (BS) facility represents the center of Peimar's production in Italy. Here, we manufacture monofacial and bifacial full-cell modules through highly automated processes, supported by strong technical know-how, designed to meet the needs of residential and industrial applications as well as revamping projects.

Brescia, Italy ▶



Technology and volumes for global markets

The Zhejiang facility, located in the Ningbo area, is dedicated to the production of monofacial PERC half-cell modules and bifacial N-Type TOPCon modules. Equipped with modern and automated production lines, it contributes to expanding the group's manufacturing capacity and enables Peimar to serve global markets and large-scale projects with competitive, high-performance solutions.

Zhejiang, China ▶



Industrial partnerships supporting the markets

Alongside direct manufacturing, Peimar relies on selected industrial partnerships.

The Dubai site represents a strategic partnership supporting specific markets, particularly the North American market. Through these partners, Peimar ensures quality standards aligned with its own, continuity of supply and solutions compliant with local regulations.

Dubai, United Arab Emirates ▶



Logistics

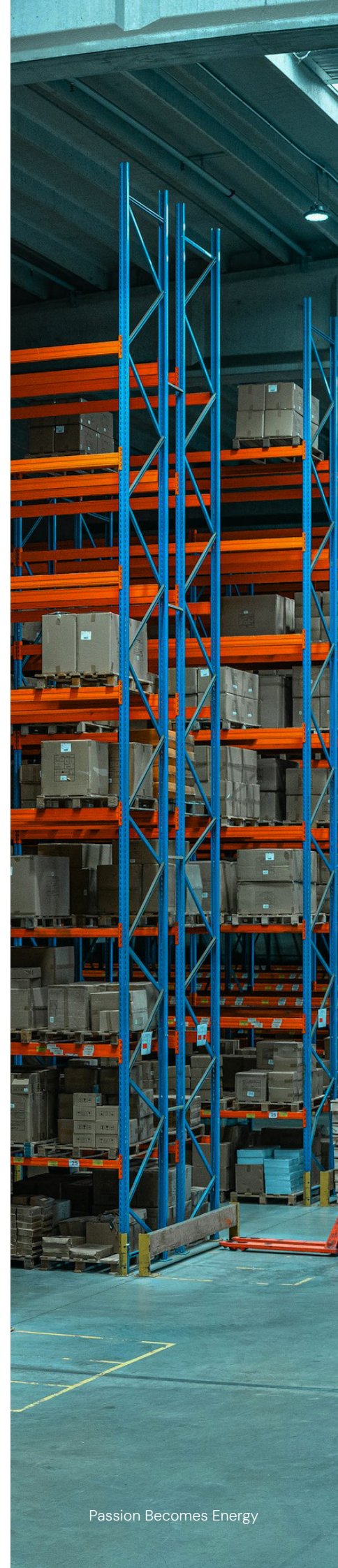
An integrated logistics network supporting a global presence

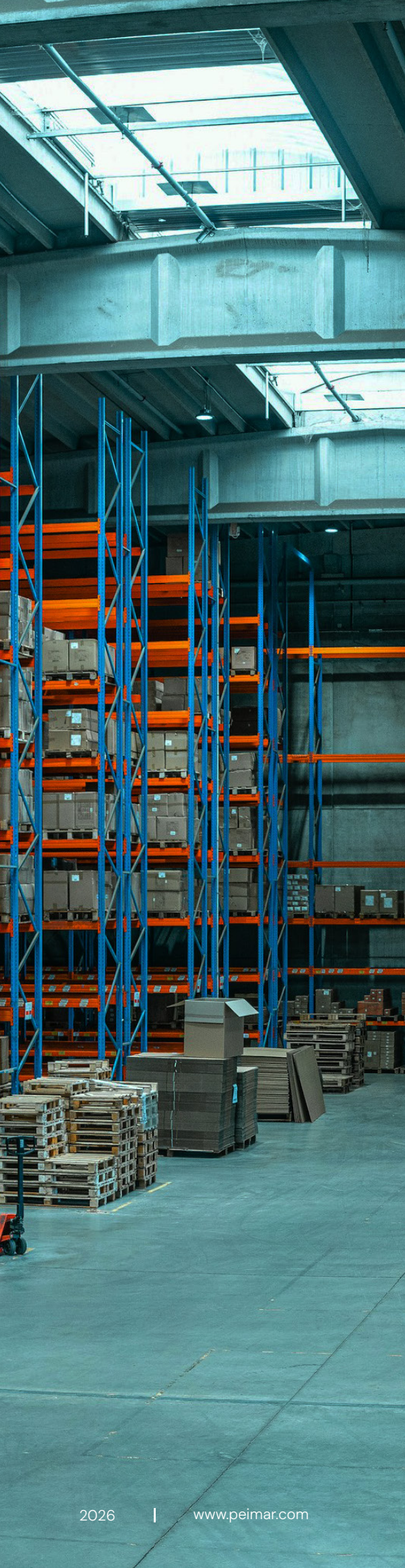
Peimar's international presence is also reflected in a structured and strategic logistics network, designed to effectively support product distribution across global markets. Alongside manufacturing sites and operational subsidiaries, Peimar relies on warehouses located in key areas, with the aim of ensuring efficient supply management and a prompt response to customer needs.

This organization helps reduce distances between production, distribution and installation, ensuring greater product availability and more flexible delivery planning. The logistics network is centrally

coordinated while operating in close synergy with local structures, adapting to the specific characteristics of each market and to different operational requirements.

Thanks to this model, Peimar is able to offer continuity of supply, reliability and tangible support throughout the entire value chain, strengthening its role as a structured international partner in the photovoltaic sector. Logistics is conceived not merely as a service, but as an integral part of an industrial approach focused on quality and long-term solidity.





Italy

Dubai

United Arab Emirates

Panama

Panama

Houston

United States

Somerville

United States

Montreal

Canada

Chennai

India

Dunstable

United Kingdom



Our offering

Our offering



Quality
Reliability
Experience

Photovoltaic solutions designed to last

Peimar's offering starts with photovoltaic modules and extends to energy management solutions, transforming energy generation into a complete and functional system. Inverters, energy storage systems and dedicated components make it possible to configure installations suitable for residential, commercial and industrial applications, addressing a wide range of technical and market requirements.

Alongside its products, Peimar develops an ecosystem of services that completes the offering. Qualified technical support, remote monitoring tools and continuous assistance support each project over time, from solution selection to system management.

This is how we interpret photovoltaics: not as a simple supply of products, but as an integrated system built on experience and close

attention to the needs of those who choose Peimar.

From module to system, a complete energy vision

Italian quality,
energy for the world.

Find out more on our **website**
or contact us at **info@peimar.com**



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