



# Corporate profile

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TAMESOL Solar Group SL

Since 2007 **Building a green future**

1.

# COMPANY PROFILE

TAMESOL, is a Spanish manufacturer of high efficiency photovoltaic panels and systems, with an annual production capacity of more than 10 GW and with a vertical integration manufacturing.

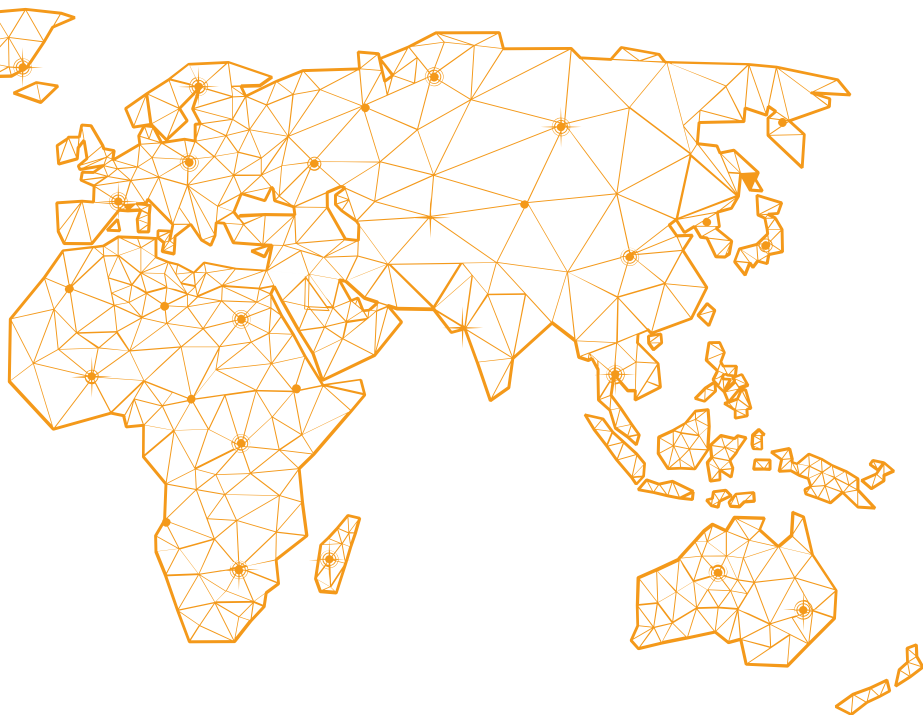


Building a  
green future  
for more than  
15 years.



## 100% AUTOMATED PROCESS

The vertical integration of its production chain allows it to manage the entire panel treatment process; from silicon extraction, to cell treatment, and finally panel assembly, all in a 100% automated process.



## WE ARE PRESENT IN MORE THAN **50 COUNTRIES**

There are more than 50 countries where its panels are already operating, and more than 2 million connected to the network. It offers a 100% European guarantee on all its products and manages its after-sales service from its offices in Spain.



**2008**

Founding  
year

**10 GWP**

Annual  
production  
capacity

**VERTICAL  
INTEGRATION**  
of production  
line

**20  
MILLION**  
panels  
connected to  
the network

# TAMESOL IN FIGURES

# 2.

## EXPERIENCE AND A COMMITMENT TO EXCELLENCE

15 years, dozens of GW operating in more than 50 countries is the best guarantee

Throughout all these years TAMESOL has shown solvency and quality of service with hundreds of projects in over 50 countries. Coordinates the production and logistics of its deliveries from its headquarters in Spain and its factories in China and the Philippines.

### LOCATION



#### Offices

Europe branch  
China branch



#### Factories

China  
Philippines



# OUR SERVICES



## Door to door

Management of the customs and logistics process for deliveries at destination (DDP), only available for deliveries in Europe.



## Stock for immediate deliveries

Stock of different wattages available in warehouses in Rotterdam (NL) for immediate delivery.



## External Quality control

It is possible to use the services of an external certifying company to carry out additional quality control.

# 3.

## PRODUCTION LINES

The vertical integration of its production lines makes it possible to manage the entire panel treatment process, from silicon extraction to cell treatment, and finally panel assembly, all in a 100% automated process. It has two factories for wafers and silicon cells (both located in China), and two more for the assembly of panels; one of them located in the city of Jinan (Shandong province, China); and the other, recently opened, in the Philippine city of Manila. The total supply capacity of both factories exceeds 10 GW per year.



### VERTICAL INTEGRATION OF ITS PRODUCTION LINES



Silicon extraction



Cell treatment



Panel assembly

100%  
AUTOMATED  
PROCESS

Full control of the production chain allows us to control manufacturing costs and, as a result, to have more competitive prices.



## Jinan

PV modules manufactory located in the city of Jinan (Shandong province, China), with a capacity of **7 GW per year**.



## Manila

PV modules manufactory located in the city of Manila (Gansu province, Philippines), with a capacity of **3 GW per year**.

## RESEARCH & DEVELOPMENT & INNOVATION

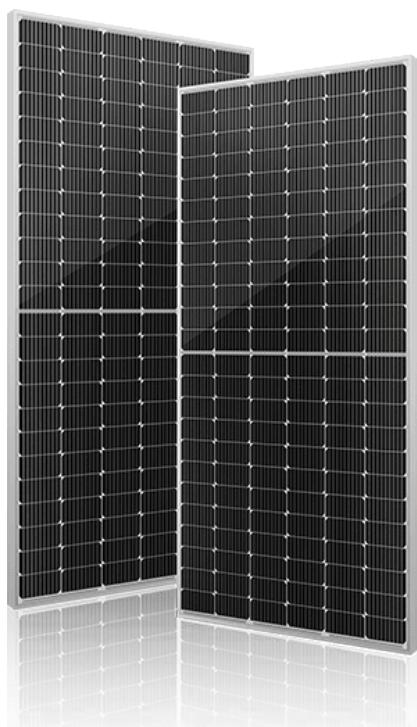
**TAMESOL**, as a reference company in the industry, has the responsibility to take the continuous improvement of its products very seriously, as they have been the basis of its business for more than 15 years.

**In the R & D department** continuously study all aspects of their photovoltaic panels, applying continuous improvement processes at all stages of manufacture, with the main objectives: to obtain maximum efficiency, reduce losses, all with a product that always meets the highest quality standards.



# PV MODULES

TAMESOL has two product ranges of photovoltaic modules.

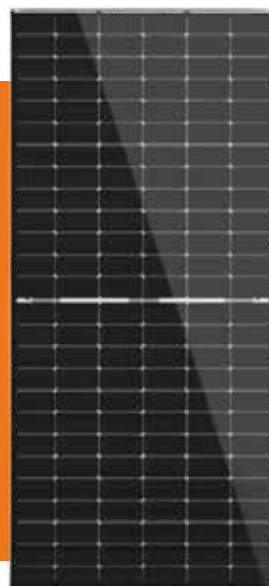


## TM - Series<sup>®</sup>

On the one hand TM - Series, which is based on PERC technology combined with non-destructive multi-busbar cutting technology and high-density interconnection, which allows it to exceed 21% efficiency and 670wp. TM - series is divided into 3 families; Half Cell, its most commercial and competitive range; All Black, designed for architectural integration; and Bifacial, for projects that require maximum performance.

## TOP Series<sup>®</sup>

As a result of its constant research in the development of more efficient panels, TOP Series is born. A new range of products incorporating N-type technology. TOPCON is an advanced N-type silicon cell technology, which combines an oxide layer with a PERC solar cell to further reduce recombination losses and increase the efficiency of the solar cell, and consequently, the photovoltaic module.



# HIGHLIGHTS



## Certificates

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IEC 61215  
IEC 61730  
CE  
ISO 9001

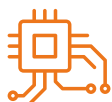
ISO 18001  
OHSAS 14001  
RAEE recycling



## Guarantee

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- 25 years product & 30 linear production
- European warranty and after-sales service



## Top-quality components

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- A+ grade cells
- Positive tolerance



## Production

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- Vertical integration
- 100% automated



5.

# REFERENCE PROJECTS

The best way for you to contrast TAMESOL's quality is by observing its experience.

With projects in over **50 countries** and thousands of Kwh generated every second, you cannot go wrong.



67.000 kWp

## Chelveston



Chelveston,  
United Kingdom



Starting  
Date  
2013



Solar panel  
Polycrystalline,  
270wp



Module  
units  
250.000

Located in an old military airport, Chelveston is the largest project where Tamesol has participated as a supplier of photovoltaic solar panels.

Thousands of TM-Systems panels, TM-P660250, more than 200Ha of land extension where the panels coexist with the wind turbines, converting Chelveston to the largest renewable energy source in the United Kingdom.

[www.chelveston.com](http://www.chelveston.com)

15 .900 kWp



## Elazig



Elazig,  
Turkey



Solar panel  
Polycrystalline, 270wp



Module units  
58.800

10 .407 kWp



## Ahmedabad



Ahmedabad,  
India



Solar panel  
Polycrystalline, 250 Wp



Module units  
41.628

6 .078 kWp



## Rosamond



Rosamond, California,  
United States



Solar panel  
Polycrystalline, 250 Wp



Module units  
24.312

1.400 mWp



## San Luis



San Luis,  
Argentina



Solar panel  
Polycrystalline, 320 Wp



Module units  
4.328

# GLOBAL COMMITMENT, FUTURE COMMITMENT

As a leading company in the field of renewable energies, TAMESOL understands its responsibility towards the environment and society.

TAMESOL has been collaborating for several years with various NGOs to help in areas of Africa where there is no electricity supply. With the use of solar systems, we can bring electricity to areas where it was unthinkable before and use them for other applications such as pumping water in wells. It is certainly a small help that we are particularly proud of.



TAMESOL has been collaborating for years with sport, a fundamental part of the development of a healthy society. One of the most notable is the sponsorship of Girona FC, a team in the Spanish Liga Santander football league.



# FOUNDER'S MESSAGE

More than 15 years have passed since the beginning of this dream in which I have put all my illusion and work.

The road has not been easy, but it has been worth it. Today I can proudly say that this dream has become a real dream that overflows with energy all over the world.

I would like to thank all those who have placed their trust in us; customers, distributors, collaborators, and all those who at some points have been part of this journey, THANK YOU.

We look to the future with the illusion of being able to contribute to the construction of a more sustainable and just world; this is how it was from the beginning and will continue to be so until the last day.

THANK YOU.

TAMESOL  
Building a green future.



Patxi Otamendi  
CEO & Founder



**TAMESOL**15  
YEARS

Since 2007 Building a green future

TAMESOL<sup>15</sup>  
YEARS

[WWW.TAMESOL.COM](http://WWW.TAMESOL.COM)

