

ALL YOU  
NEED  
IN ONE  
MODULE

N – TYPE  
IBC  
CELLS

MEPV ULTRA  
PREMIUM  
400W - 440W

↘ *A new era for Ultra Series*

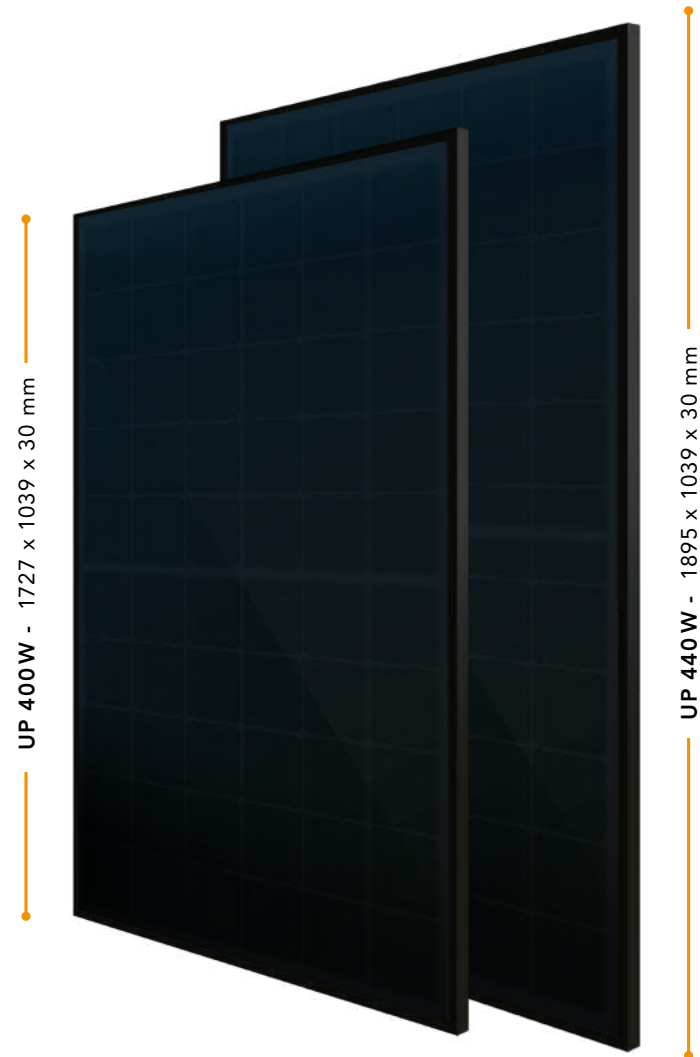
**eurener**  
energía solar

# ALL YOU NEED IN ONE MODULE

Eurener welcomes the new Ultra Premium module to its family.

With the **New Ultras** we have improved the performance of this series of modules by introducing an avant-garde technology, and keeping the premium aesthetics to meet the needs of the most demanding customers.

- We introduce for the first time with N-type cells, which due to the elimination of boron in their composition stand out for their higher resistance to PID (product-induced degradation).
- N-type cells, are doped with phosphorus, thus avoiding the LID effect and thus maintaining efficiency and energy production.
- These two advantages, non-LID and PID free, can be summed up as less degradation in the first year and in the following years. In other words, **more energy over the lifetime of the installation.**



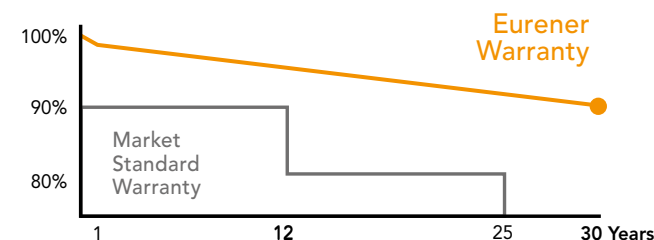
# WARRANTIES



**We have increased the product warranty to 20 years.**  
With a 5-year extension for premium partners.



**The performance warranty has been increased to 30 years at 90%.**

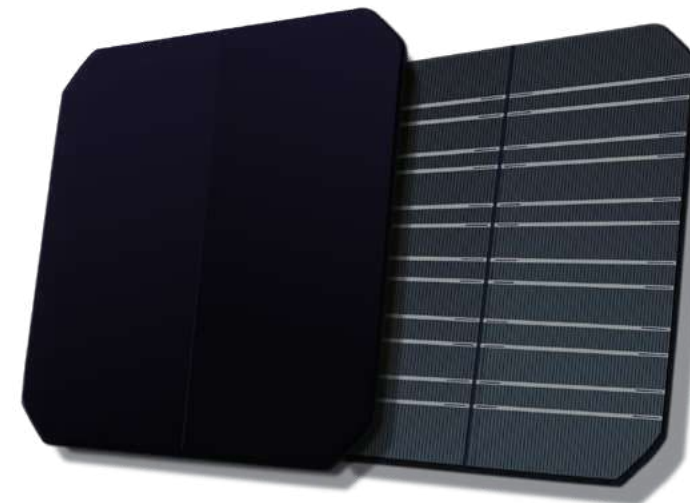


Degradation less than 1% in the first year. 93% at 25 years.

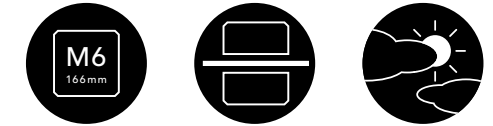
Linear degradation of 0.25% per year. Up to 90% at the 30th year.

# NEW N-TYPE IBC TECHNOLOGY

**FRONT**  
Ultra pure silicon delivers optimal power conversion.



**BACK**  
Solid copper foundation adds massive strength.



➤ We keep the Half-Cut technology which reduces internal resistances to increase the power output and ensure production even on the cloudiest days.

➤ The **IBC technology** (Integrated Back Contact), which removes bus bars from the front side of the cell, combined with the **N-type cells** result in a higher efficiency of 22.3%.

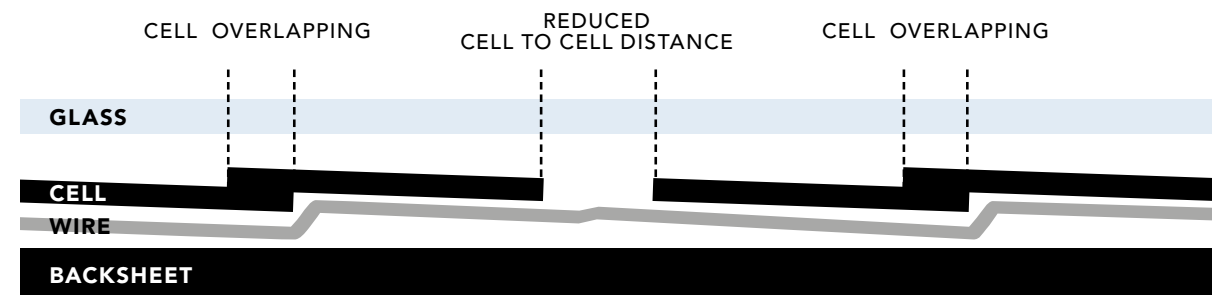
➤ **Better temperature coefficient** (-0,29%/°C).

Power loss, mainly due to voltage drop, is less affected when temperatures rise. This allows higher power output in difficult conditions for the silicon.

# CELL OVERLAPPING

➤ The new Ultra Premium uses an innovative technique of two slightly overlapped N-type IBC half-cut cells with a full-cell appearance that also reduces internal resistances.

➤ The reduction of gaps between cells, results in an optimization of the module size, which makes it more efficient and more manageable for transport and subsequent installation.





[www.eurenergroupp.com](http://www.eurenergroupp.com)  
More than energy!

## FUTURE VISION

At Eurener, we are working towards a 100% renewable and sustainable planet. This commitment means that our main purpose has been to supply sustainable and long-lasting photovoltaic modules that will allow future generations to continue generating clean energy to take care of our planet.

[contact@eurenerworld.com](mailto:contact@eurenerworld.com)  
+34 960 045 515

Calle Colón, 1-23  
46004, Valencia. Spain