

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

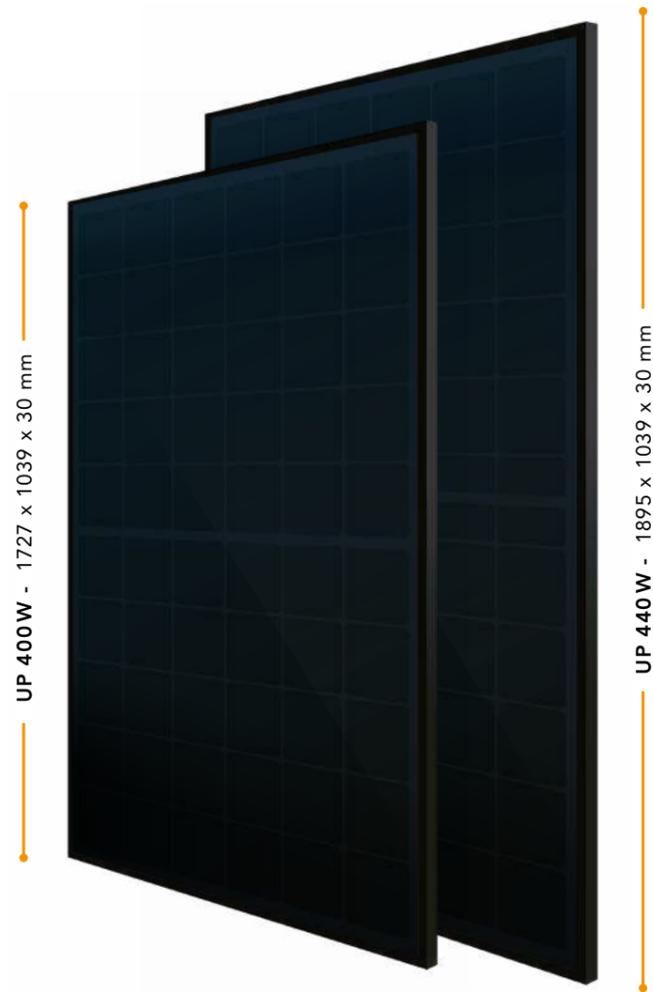
Eurener welcomes the new Ultra Premium module to its family.

The new generation of the Ultra series offers an improved performance and a longer lifetime, thanks to the introduction of one of the latest technologies, while maintaining the essence of premium aesthetics to meet the needs of the most demanding customers.

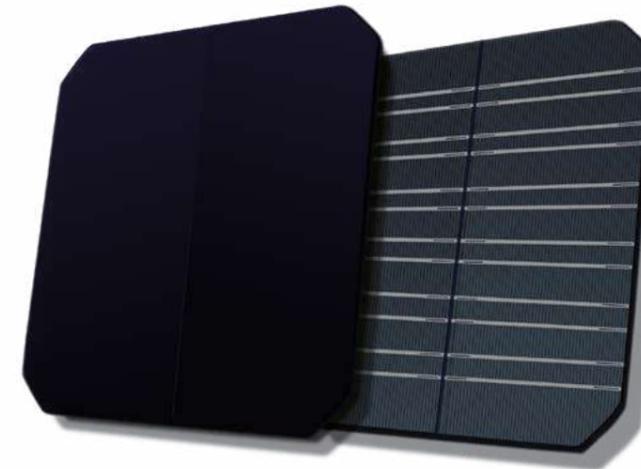
➤ We introduce for the first time N-type cells, which due to the elimination of boron in their composition stand out for their higher resistance to PID (product-induced degradation).

➤ N-type cells, are doped with phosphorus, which avoids the LID effect and therefore maintains 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.**



FRONT
Ultra pure silicon delivers optimal power conversion.



BACK
Solid copper foundation adds massive strength.

NEW N-TYPE IBC TECHNOLOGY



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

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

➤ **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.

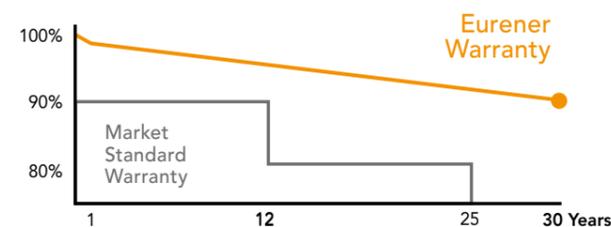
WARRANTIES



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.

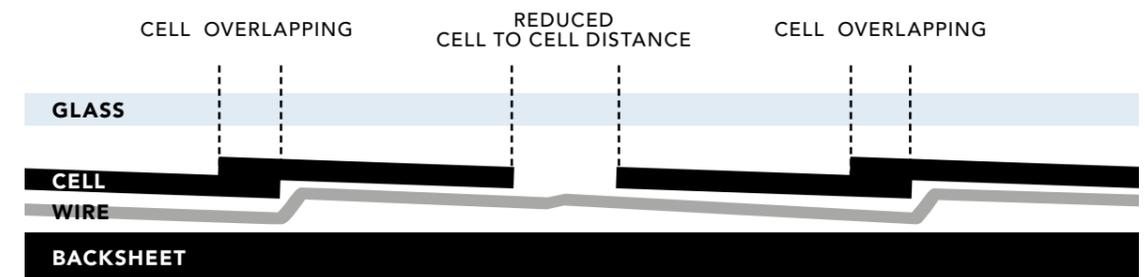
Linear degradation of 0.25% per year.

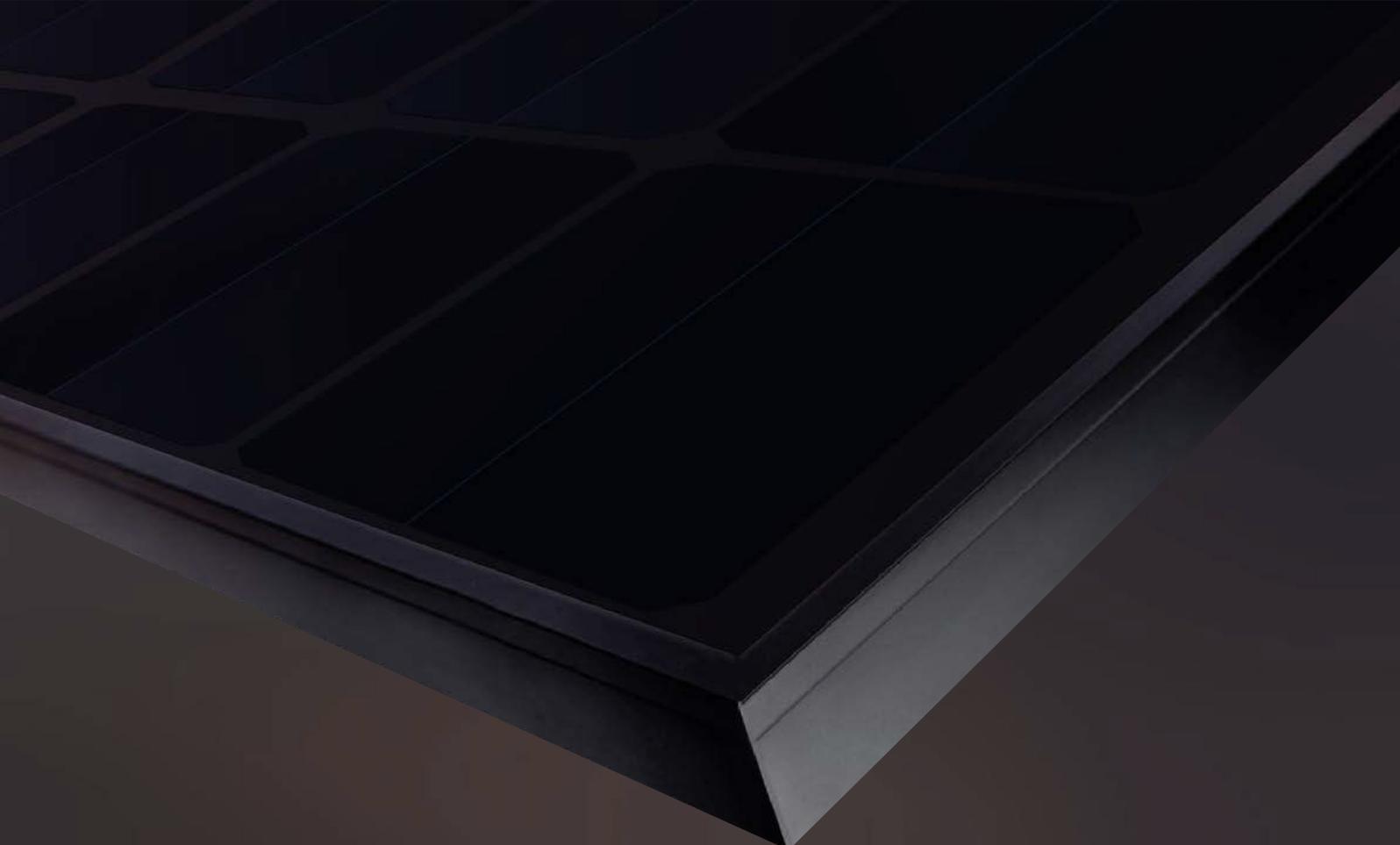
Up to 90% at the 30th year.

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.





FUTURE VISION

At Eurener we work for a 100% renewable and sustainable planet. This commitment means that our main objective is to supply sustainable and long-lasting photovoltaic modules that will allow future generations to continue generating clean energy to take care of our planet.

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