



# MEPV 450 Wp Half Cut Series

Eurener's manufacturing process  
and quality check

**MORE THAN ENERGY!**  
[www.eurenergroupp.com](http://www.eurenergroupp.com)





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# 1. EURENER - MORE THAN ENERGY

**1997 TO 2022 25th Anniversary**  
**25 YEARS OF BRINGING THE POWER OF THE SUN TO YOU**

## – Mission

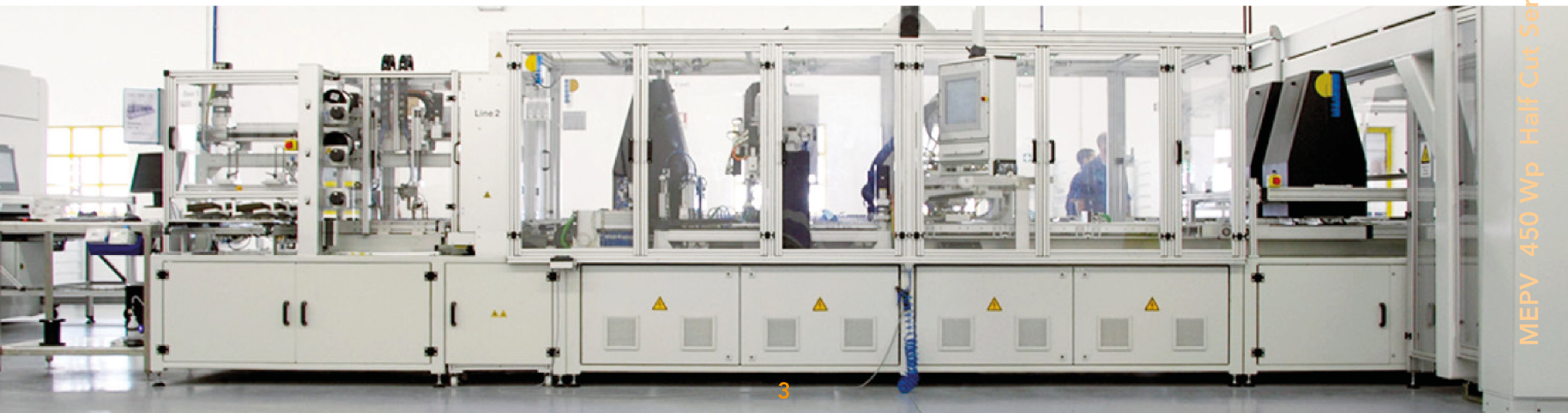
Eurener's mission is to work and help achieve a 100% renewable and sustainable planet.

## – Vision

We've always work with the vision of deliver a product of high quality, longer life-times and for a long-term relation with our partners.

## – Values

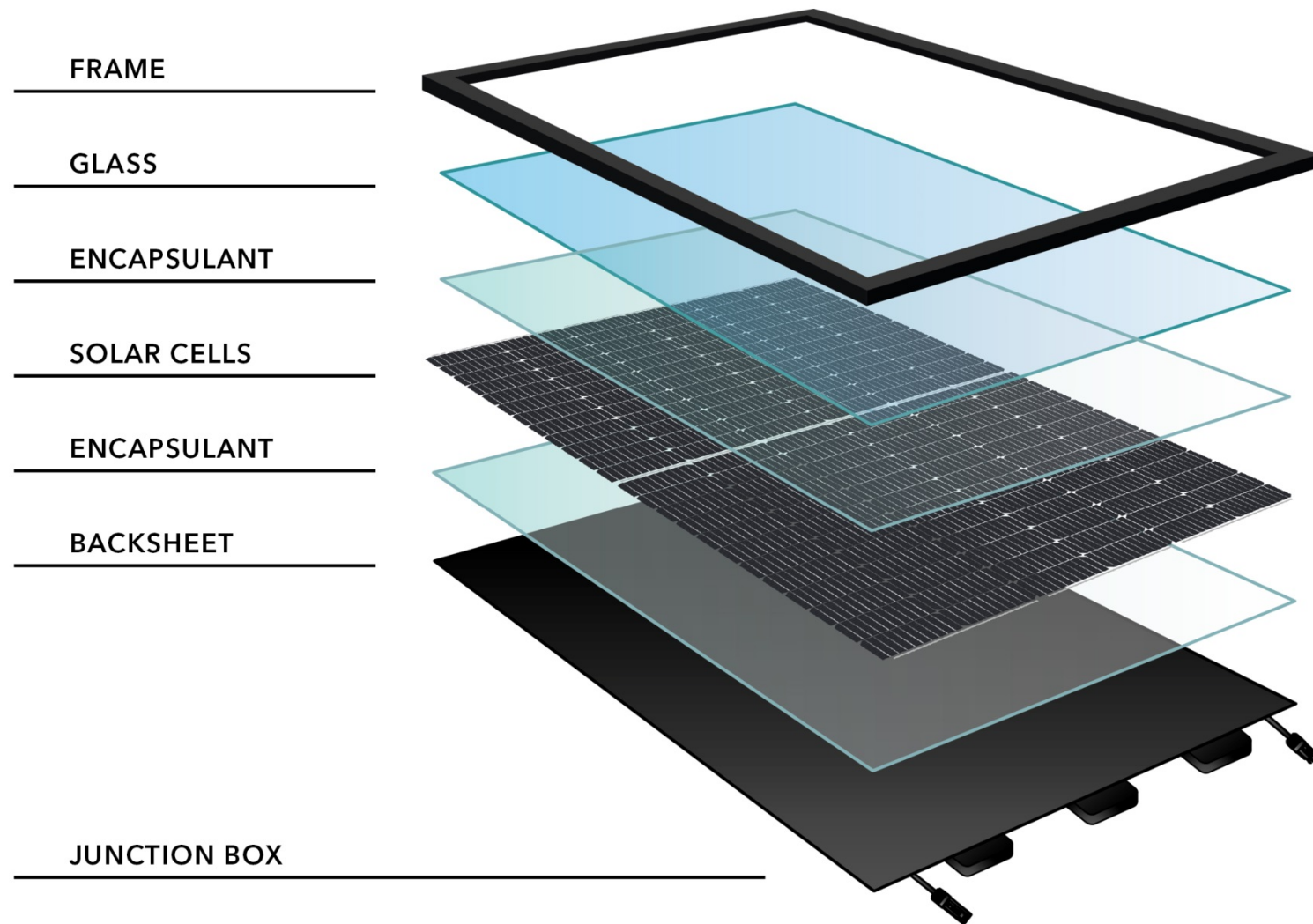
Our values have always been the commitment and demand of a family business with a culture based on effort, creativity and excellence.





## 2. THE MODULE AND ITS COMPONENTS

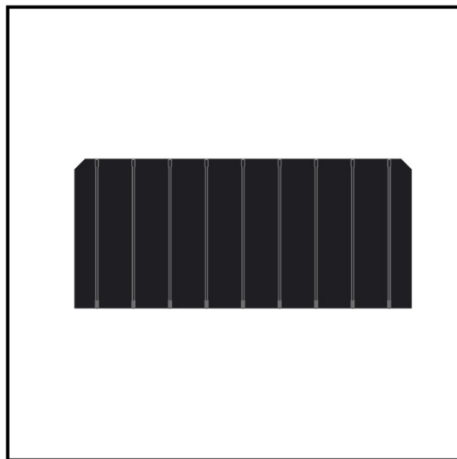
MEPV Half-Cut 450Wp Black



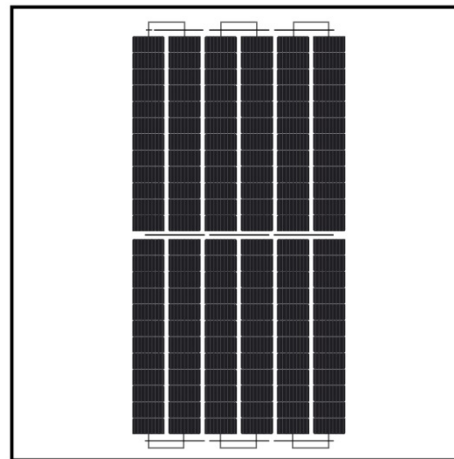


### 3. THE MANUFACTURING PROCESS

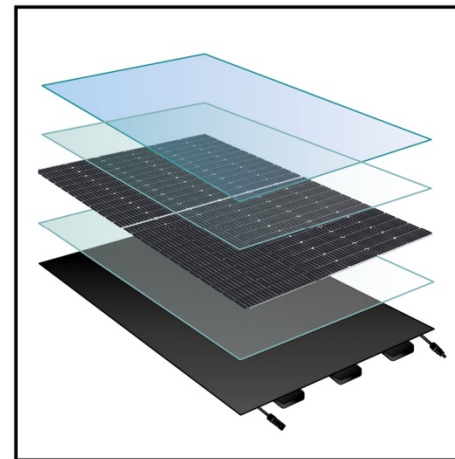
- We test the purchased solar cells.
- Soldering process.
- Serial connection of the cells belonging to each string.
- Placement of the various components.
- Lamination process.
- Framing.
- Junction boxes and connectors.



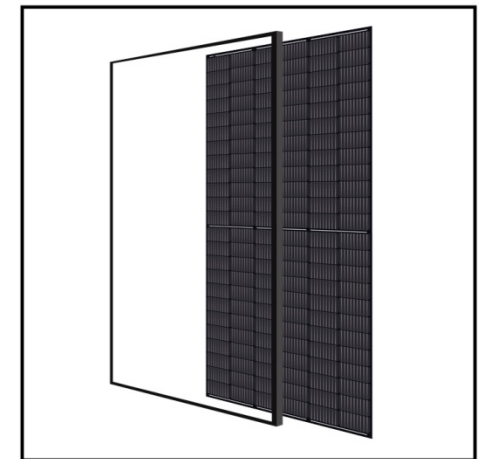
HC SOLAR CELL - 9BB



CELL CONNECTIONS



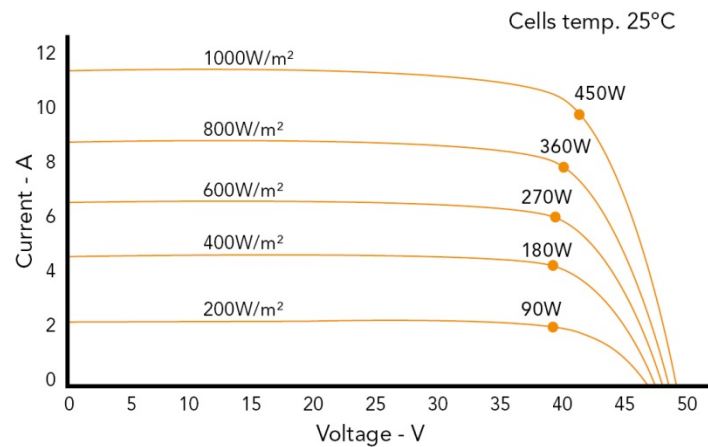
LAMINATION



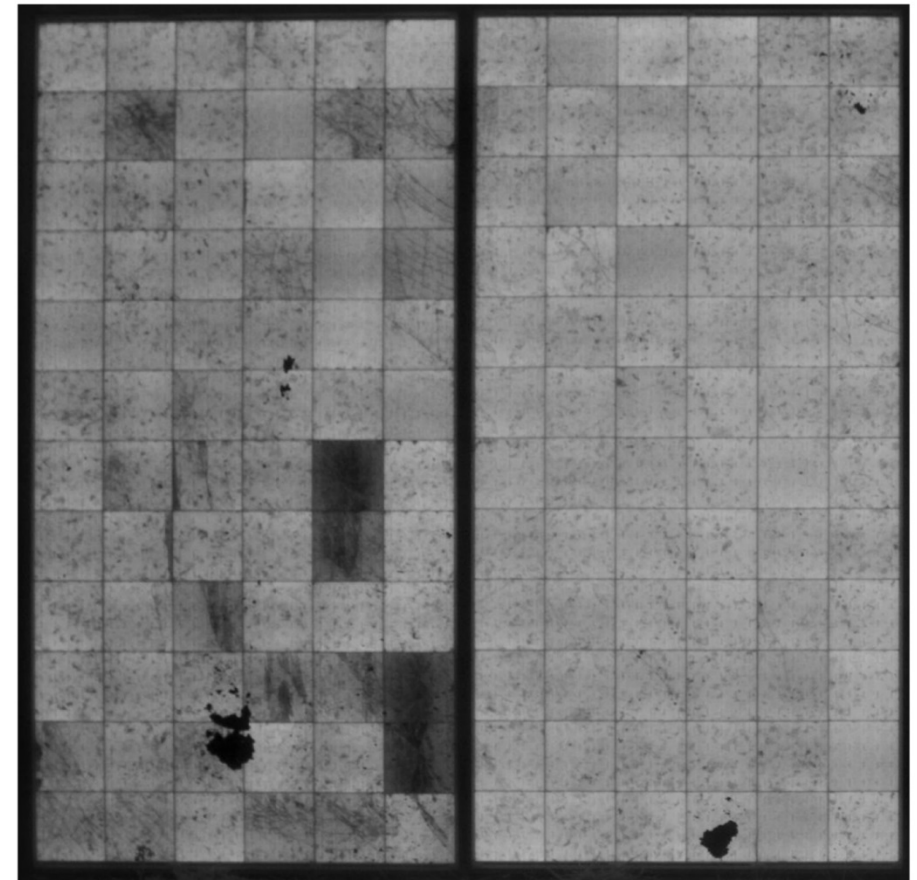
FRAMING

## 4. QUALITY CHECK

- Visual inspection and EL test.
- Performance and FT.
- Diode testing.
- Environmental conditions checking.
- Load capacity check.



TYPICAL I-V CURVES



ELECTROLUMINESCENCE TEST



## 5. LOGISTICS

- Offshoring.
- Packaging.
- Transport and delivery.
- Reception and storage.





## 6. THE INSTALLATION

- Installation manual.
- Module properties.
- Proper design of the installation.
- O & M.







## 6. THE INSTALLATION





## 7. WARRANTY TERMS AND CONDITIONS

**15**

YEARS

PRODUCT  
WARRANTY

**20**

YEARS

**PREMIUM**  
PRODUCT  
WARRANTY

**25**

YEARS

PERFORMANCE  
WARRANTY

**30**

YEARS

PERFORMANCE  
WARRANTY  
Ultra Series  
Double Glass Series



**25th Anniversary**

1997

TO

2022

**25 YEARS OF BRINGING THE POWER OF THE SUN TO YOU**

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**More than energy!**

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