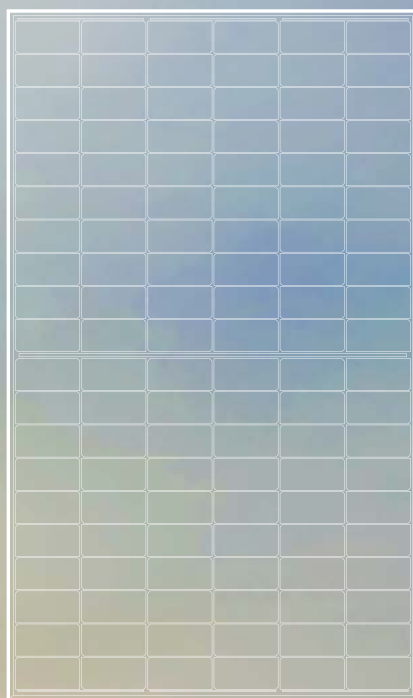




Specialist in residential integration
MORE THAN ENERGY



PRODUCT
CATALOGUE
2022/23





PRODUCT
CATALOGUE
2022/23



4 25th Anniversary
- 1997 to 2022 -

5 EURENER
European Quality
Personalized Service
Certificates
Warranties
Logistics
Bankability

8 - 20 MEPV Half-Cut
Series

22 - 32 MEPV Half-Cut Plus
Series

34 - 40 MEPV Ultra Premium
Series

42 - 48 MEPV Double Glass
Series

50 - 54 MEPV Bifacial
Series

56 - 68 MEPV & PEPV Classic
Series



European Quality

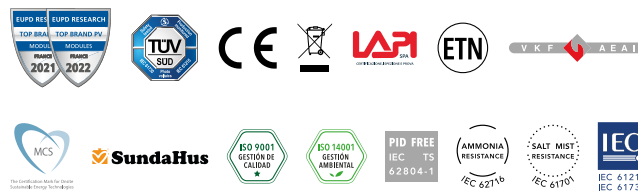
Throughout these 25 years of experience, we have developed a production process and know-how that has resulted in a certified product of high quality and multiple applications.

Personalized Service

We have a large and experienced commercial department that can assist you in different languages. As a result, we provide a global and completely personalized service in order to provide you with the best possible service and product.

Certificates

Eurener's photovoltaic modules have passed all of the main tests in terms of durability and performance. Due to this, we have the most prestigious certificates at a worldwide.



Warranties

Eurener modules, are designed to last, thus making the initial investment profitable and providing energy for decades. That is why we offer warranties above the market average.

20

YEARS

**PRODUCT
WARRANTY**

+5 years for
Premium Partners

30

YEARS

**PRODUCT
WARRANTY**

Double Glass Series
Bifacial Series

25

YEARS

**PERFORMANCE
WARRANTY**

30

YEARS

**PERFORMANCE
WARRANTY**

Half-Cut Icon
Ultra Premium Series
Double Glass Series
Bifacial Series

Logistics

Thanks to our warehouses in Spain and Central Europe, and together with our Premium Partners in different countries, Eurener offers a logistics services that take our modules wherever you need them: to the site or to your warehouse.



Bankability

Your operations with Eurener will always be safe. We offer various payment terms for the different needs of each of our clients. We study each case and suggest the optimal form and term of payment.

Reliability for your projects

Our wide product range, as well as the possibility of manufacturing ad hoc modules, and the know-how acquired over many years of experience, results in a reliable and robust product, with premium finishing and a long-term performance.

MEPV Half-Cut Series

from 340 to 420Wp



20 YEARS
PRODUCT WARRANTY
+5 years for Premium Partners

25 YEARS
PERFORMANCE WARRANTY
30 years for Half-Cut Icon

MEPV Half-Cut Plus Series

from 450 to 550Wp



20 YEARS
PRODUCT WARRANTY
+5 years for Premium Partners

25 YEARS
PERFORMANCE WARRANTY

MEPV Ultra Premium Series

from 400 to 440Wp



20 YEARS
PRODUCT WARRANTY
+5 years for Premium Partners

30 YEARS
PERFORMANCE WARRANTY

Decisions that reduce your footprint

Eurener photovoltaic modules have evolved to become one of the most efficient and good eco-friendly options on the market. We work with technologies that fits residential, industrial and utility installations.

MEPV Double Glass Series

from 375 to 380Wp



30 YEARS
PRODUCT WARRANTY

30 YEARS
PERFORMANCE WARRANTY

MEPV Bifacial Series

550Wp

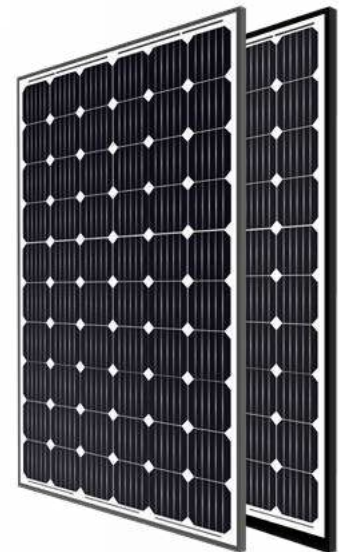


30 YEARS
PRODUCT WARRANTY

30 YEARS
PERFORMANCE WARRANTY

MEPV & PEPV Classic Series

from 280 to 345Wp



20 YEARS
PRODUCT WARRANTY
+5 years for Premium Partners

25 YEARS
PERFORMANCE WARRANTY



MEPV Half-Cut Series

➤ *Maximum efficiency and versatility*

MEPV Half-Cut Series from 340 to 420Wp

Reduces thermal losses by working with lower current values.



MBB Technology

- The increase in the number of busbars reduces internal resistance losses by reducing the distance between the BB.
- Thinner and rounded busbar to increase the light absorption and thus increase the module's surface area.



Frame optimization

- We use 30-35 mm frames that make the panel easier to handle.
- By reducing the size of the frame, we optimize transport by being able to add more modules per truck, thus reducing transit and storage costs and the associated CO2 emissions.



Split junction box

- Keeps the temperature lower than a single junction box.



Avoids shading losses

- The parallel connection of the half-cell modules maintains production when one of the parts is shaded.
- This increases efficiency and reliability, reduces the occurrence of micro-cracks and diminish cell degradation.



Versatile and cost-effective module

- More power in less space for fast amortization.
- Reduces the total price of the installation and improves the rate of return on large investments.
- Technology that fits residential, industrial and large installations with customizable aesthetics.





MEPV Half-Cut Series

DATA SHEETS

- | Eurener_MEPV 80_HALF-CUT_410Wp
- | Eurener_MEPV 80_HALF-CUT_400-420Wp
- | Eurener_MEPV 108_HALF-CUT ICON_400-420Wp
- | Eurener_MEPV 120_HALF-CUT_340Wp
- | Eurener_MEPV 120_HALF-CUT_375-380Wp

Monocrystalline Photovoltaic Module »



MEPV 80 HALF-CUT

BLACK » 410Wp

QUALITY »



80 cells

Half-Cut monocrystalline



MBB technology

Better light absorption



Fire resistance

Maximum protection



+5W

Positive power tolerance



Avoid losses

Better shading tolerance



Efficiency

Over 21% efficiency



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*** EUROPEAN QUALITY



WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 80_HALF-CUT_410Wp_2022EN

FRAME

Black anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

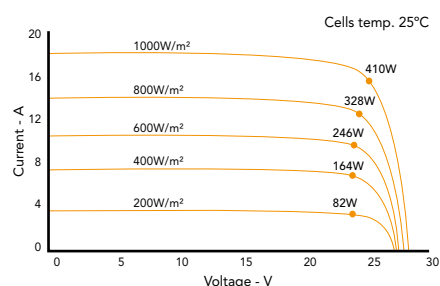
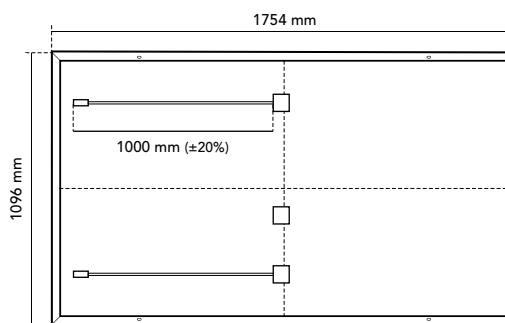
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

80 [2x(8x5)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

21 Kg | 1754 x 1096 x 30 mm ($\pm 1\%$) | Pack: 936 pcs-truck



ELECTRIC DATA »

BLACK	MEPV 410
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. Pmax	410 Wp
Max. power tolerance. Pmax	0 / +5 W
Area of the module	1,92 m ²
Module efficiency	21,32 %
Isc	18,53 A
Voc	28,15 V
Imp	17,48 A
Vmp	23,46 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. Pmax	311,11 W
Isc	15,65 A
Voc	25,86 V
Imp	14,62 A
Vmp	21,28 V
Operating parameters. Temperature coefficients	
Maximum voltage	1500 V
Maximum series fuse rating. Ir	20 A
α Isc	0,04 % / °C
β Voc	- 0,25 % / °C
γ Pmax	- 0,34 % / °C
Temperature range	- 40 °C ~ + 85 °C
NOCT	43 $\pm$ 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener_MEPV 80_HALF-CUT_410Wp_EN_SEP2022

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contact@eurenerworld.com
+34 960 045 515
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25 years manufacturing a better world

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Monocrystalline Photovoltaic Module »



MEPV 80 HALF-CUT

STANDARD »
400 / 410 / **420 Wp**

QUALITY »



80 cells

Half-Cut monocrystalline



MBB technology

Better light absorption



Fire resistance

Maximum protection



+5W

Positive power tolerance



Avoid losses

Better shading tolerance



Efficiency

410Wp - 420Wp



1997 to 2022
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*** EUROPEAN QUALITY



WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 80_HALF-CUT_400-420Wp_2022EN

FRAME

Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

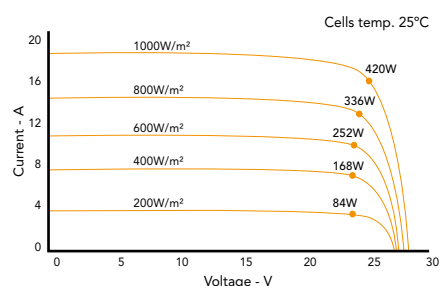
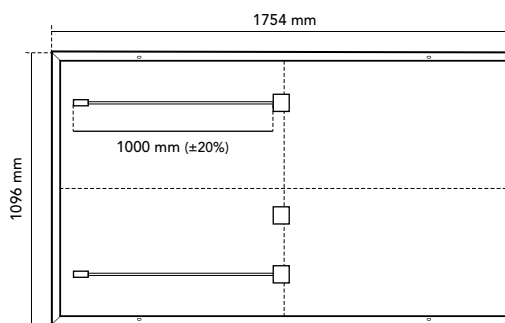
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

80 [2x(8x5)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

21 Kg | 1754 x 1096 x 30 mm ($\pm 1\%$) | Pack: 936 pcs-truck



ELECTRIC DATA »

STANDARD	MEPV 400	MEPV 410	MEPV 420
STC: 1000 W/m ² , module temperature 25°C, AM 1,5			
Nominal power. P _{max}	400 Wp	410 Wp	420 Wp
Max. power tolerance. P _{max}	0 / +5 W	0 / +5 W	0 / +5 W
Area of the module	1,92 m ²		
Module efficiency	20,81 %	21,33 %	21,85 %
I _{sc}	18,36 A	18,53 A	18,72 A
V _{oc}	27,77 V	28,15 V	28,55 V
I _{mp}	17,30 A	17,48 A	17,60 A
V _{mp}	23,13 V	23,46 V	23,87 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5			
Nominal power. P _{max}	307,28 W	311,11 W	315,11 W
I _{sc}	15,61 A	15,65 A	15,71 A
V _{oc}	25,64 V	25,86 V	26,11 V
I _{mp}	14,57 A	14,62 A	14,67 A
V _{mp}	21,09 V	21,28 V	21,48 V
Operating parameters. Temperature coefficients			
Maximum voltage	1500 V		
Maximum series fuse rating. I _r	20 A		
α I _{sc}	0,04 % / °C		
β V _{oc}	- 0,25 % / °C		
γ P _{max}	- 0,34 % / °C		
Temperature range	- 40 °C ~ + 85 °C		
NOCT	43 $\pm$ 2 °C		

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener_MEPV 80_HALF-CUT_400-420Wp_EN_SEP2022

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www.eurenergroupp.com
contact@eurenerworld.com
+34 960 045 515
Calle Colón, 1-23
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MEPV 108 HALF-CUT ICON

BLACK - STANDARD - BICOLOUR »
400/410/415/420Wp

QUALITY »



MBB technology
Better light absorption



M10 Wafer
Ultra-high power



Long durability
80% at the 30th year



Fire resistance
Maximum protection



Avoid losses
Better shading tolerance



Efficiency
415Wp - 420Wp



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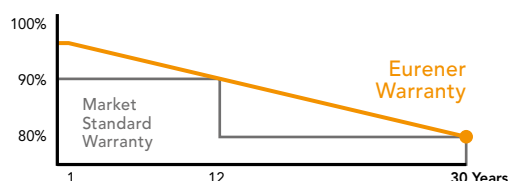
*** EUROPEAN QUALITY



WARRANTIES »

20 YEARS PRODUCT WARRANTY
+5 years for Premium Partners

30 YEARS PERFORMANCE WARRANTY
Linear Warranty



CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 108_HALF-CUT ICON_400-420Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

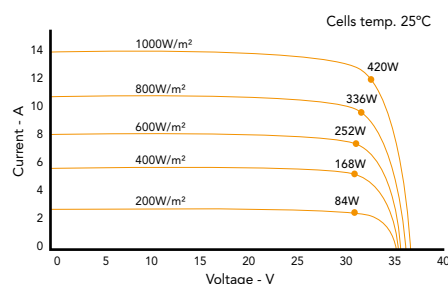
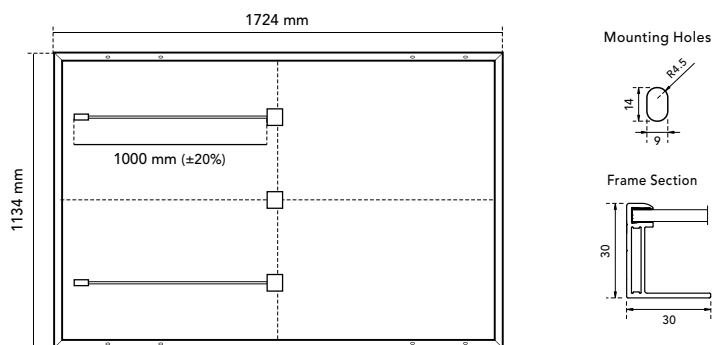
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

108 [2x (9x6)] cells monocrystalline silicon

WEIGHT AND DIMENSIONS

21,5 Kg | 1724 x 1134 x 30 mm ($\pm 1\%$) | Pack: 962/936 pcs-truck



ELECTRIC DATA »

BLACK - STANDARD - BICOLOUR	MEPV 400	MEPV 410	MEPV 415	MEPV 420
STC: 1000 W/m ² , module temperature 25°C, AM 1,5				
Nominal power. P _{max}	400 Wp	410 Wp	415 Wp	420 Wp
Max. power tolerance. P _{max}	0 / +5 W	0 / +5 W	0 / +5 W	0 / +5 W
Area of the module	1,96 m ²			
Module efficiency	20,46 %	20,97 %	21,23 %	21,48 %
I _{sc}	13,79 A	13,95 A	14,02 A	14,10 A
V _{oc}	37,07 V	37,32 V	37,45 V	37,57 V
I _{mp}	12,90 A	13,04 A	13,13 A	13,21 A
V _{mp}	31,01 V	31,45 V	31,61 V	31,81 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5				
Nominal power. P _{max}	301,96 W	309,98 W	313,85 W	318,35 W
I _{sc}	11,03 A	11,16 A	11,22 A	11,30 A
V _{oc}	34,88 V	35,23 V	35,37 V	35,54 V
I _{mp}	10,32 A	10,43 A	10,50 A	10,56 A
V _{mp}	29,26 V	29,72 V	29,89 V	30,15 V
Operating parameters. Temperature coefficients				
Maximum voltage	1000 - 1500 V			
Maximum series fuse rating. I _r	25 A			
α I _{sc}	0,045 % / °C			
β V _{oc}	- 0,275 % / °C			
γ P _{max}	- 0,35 % / °C			
Temperature range	- 40°C ~ + 85 °C			
NOCT	45 $\pm$ 2 °C			

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener_MEPV 108_HALF-CUT ICON_400-420Wp_EN_SEP2022

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www.eurenergroupp.com
contact@eurenerworld.com
+34 960 045 515
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25 years manufacturing a better world

Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.

Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

BLACK - STANDARD - BICOLOUR »
340 Wp

QUALITY »



120 cells

Half-Cut monocrystalline



MBB technology

Better light absorption



Fire resistance

Maximum protection



+5W

Positive power tolerance



Avoid losses

Better shading tolerance



Optimal performance

Power and efficiency



1997 to 2022
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*** EUROPEAN QUALITY



WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_HALF-CUT_340Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

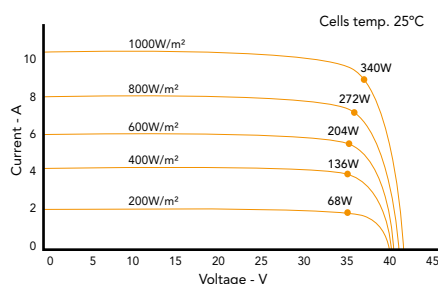
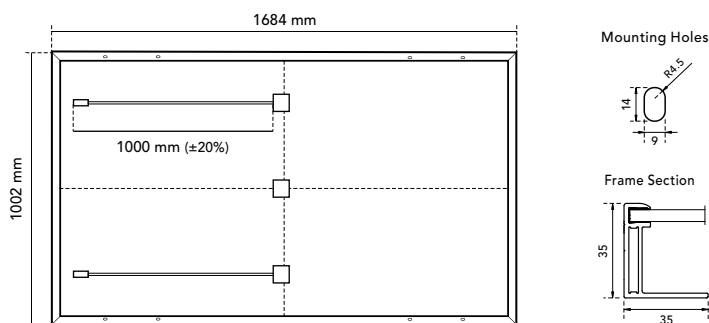
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

120 [2x(10x6)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

18 Kg | 1684 x 1002 x 35 mm ($\pm 1\%$) | Pack: 858 pcs-truck



ELECTRIC DATA »

BLACK - STANDARD - BICOLOUR	MEPV 340
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{max}	340 Wp
Max. power tolerance. P _{max}	0 / +5 W
Area of the module	1,68 m ²
Module efficiency	20,15 %
I _{sc}	10,26 A
V _{oc}	43,00 V
I _{mp}	9,75 A
V _{mp}	34,90 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. P _{max}	257,52 W
I _{sc}	7,68 A
V _{oc}	40,60 V
I _{mp}	7,78 A
V _{mp}	33,10 V
Operating parameters. Temperature coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. I _r	20 A
α I _{sc}	0,04 % / °C
β V _{oc}	- 0,26 % / °C
γ P _{max}	- 0,36 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	41 $\pm$ 3 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener_MEPV 120_HALF-CUT_340Wp_EN_SEP2022

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contact@eurenerworld.com
+34 960 045 515
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MEPV 120 HALF-CUT

BLACK - STANDARD - BICOLOUR »
375 / 380 Wp

QUALITY »



120 cells
Half-Cut monocrystalline



MBB technology
Better light absorption



Fire resistance
Maximum protection



Long durability
Continuous performance



Avoid losses
Better shading tolerance



Efficiency
Over 20% efficiency



1997 to 2022
25TH
ANNIVERSARY



WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_HALF-CUT_375-380Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

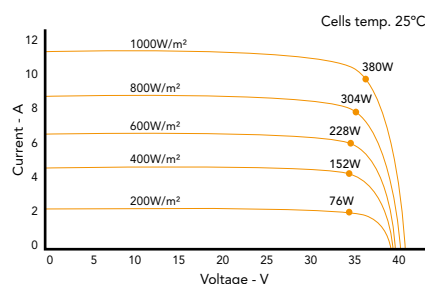
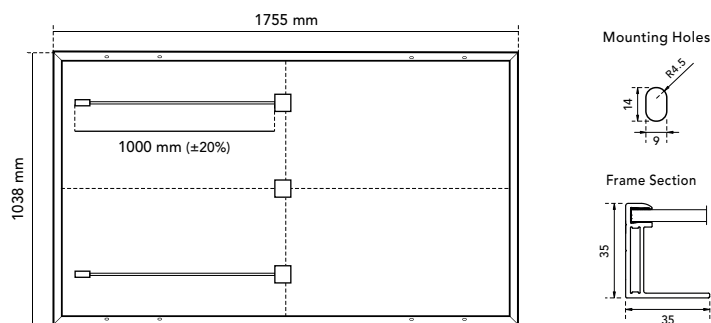
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

120 [2x(10x6)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

19,2 Kg | 1755 x 1038 x 30/35 mm ($\pm 1\%$) | Pack: 1014/858 pcs-truck



ELECTRIC DATA »

BLACK - STANDARD - BICOLOUR	MEPV 375	MEPV 380
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{max}	375 Wp	380 Wp
Max. power tolerance. P _{max}	0 / +5 W	0 / +5 W
Area of the module	1,82 m ²	
Module efficiency	20,59 %	20,86 %
I _{sc}	11,46 A	11,55 A
V _{oc}	41,50 V	41,70 V
I _{mp}	10,95 A	11,03 A
V _{mp}	34,28 V	34,47 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{max}	282,25 W	291,97 W
I _{sc}	9,23 A	9,30 A
V _{oc}	39,18 V	39,57 V
I _{mp}	8,76 A	8,88 A
V _{mp}	32,22 V	32,88 V
Operating parameters. Temperature coefficients		
Maximum voltage	1000 - 1500 V	
Maximum series fuse rating. I _r	20 A	
α I _{sc}	0,04 % / °C	
β V _{oc}	- 0,29 % / °C	
γ P _{max}	- 0,37 % / °C	
Temperature range	- 40 °C ~ + 85 °C	
NOCT	42 $\pm$ 2 °C	

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

Eurener_MEPV 120_HALF-CUT_375-380Wp_EN_SEP2022

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contact@eurenerworld.com
+34 960 045 515
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Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.



PRODUCT
CATALOGUE
2022/23



MEPV Half-Cut Plus Series

✎ *For the most demanding professionals*

MEPV Half-Cut Plus Series from 450 to 550Wp

For increased power and reduced shading loss.



MBB Technology

- The increase in the number of busbars reduces internal resistance losses by reducing the distance between the BB.
- Thinner and rounded busbar to increase the light absorption and thus increase the module's surface area.



Frame optimization

- We use 35 mm frames that make the panel easier to handle.
- By reducing the size of the frame, we optimize transport by being able to add more modules per truck, thus reducing transit and storage costs and the associated CO2 emissions.



1500V

- Maximum power per module to reduce LCOE.



Avoids shading losses

- The parallel connection of the half-cell modules maintains production when one of the parts is shaded.
- This increases efficiency and reliability, reduces the occurrence of micro-cracks and reduces cell degradation.



Higher Efficiency

- Efficiency up to 21,28 % in our 550Wp panel.



Versatile and cost-effective module

- Technology that fits residential, industrial and large installations.





MEPV Plus Series

DATA SHEETS

- | Eurener_MEPV 132_HALF-CUT PLUS_500Wp
- | Eurener_MEPV 144_HALF-CUT PLUS_450-460Wp
- | Eurener_MEPV 144_HALF-CUT PLUS_540Wp
- | Eurener_MEPV 144_HALF-CUT PLUS_550Wp

Monocrystalline Photovoltaic Module »



MEPV 132 HALF-CUT PLUS

BLACK - STANDARD »
500 Wp

QUALITY »



MBB technology
Better light absorption



Reduced BOS
Cost effective product



Long durability
Continuous performance



Fire resistance
Maximum protection



Avoid losses
Better shading tolerance



Efficiency
Over 21% efficiency



1997 to 2022
25TH
ANNIVERSARY



WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 132_HALF-CUT PLUS_500Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

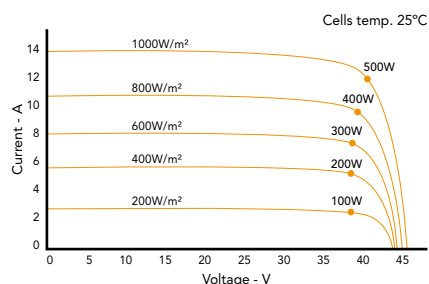
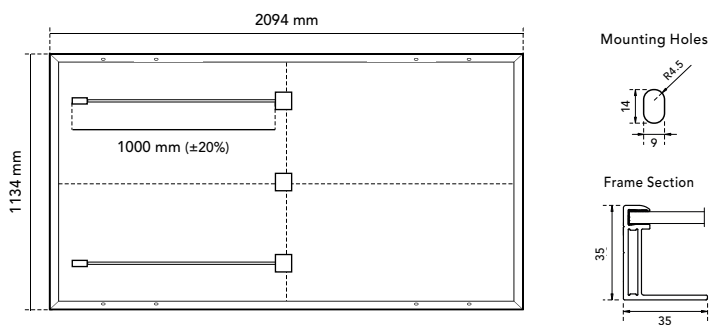
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

132 [2x(11x6)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

26,3 Kg | 2094 x 1134 x 35 mm ($\pm 1\%$) | Pack: 682 pcs-truck



ELECTRIC DATA »

BLACK - STANDARD	MEPV 500
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{max}	500 Wp
Max. power tolerance. P _{max}	0 / +5 W
Area of the module	2,37 m ²
Module efficiency	21,06 %
I _{sc}	13,93 A
V _{oc}	45,59 V
I _{mp}	13,04 A
V _{mp}	38,35 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. P _{max}	377,98 W
I _{sc}	11,27 A
V _{oc}	42,72 V
I _{mp}	10,52 A
V _{mp}	35,93 V
Operating parameters. Temperature coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. I _r	25 A
α I _{sc}	0,0445 % / °C
β V _{oc}	- 0,275 % / °C
γ P _{max}	- 0,350 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	45 ± 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance +/-3% (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener_MEPV 132_HALF-CUT PLUS_500Wp_EN_SEP2022

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www.eurenergroupp.com
contact@eurenerworld.com
+34 960 045 515
Calle Colón, 1-23
46004, Valencia. Spain

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Monocrystalline Photovoltaic Module »



MEPV 144 HALF-CUT PLUS

BLACK - STANDARD - BICOLOUR »
450 / 460 Wp

QUALITY »



MBB technology
Better light absorption



Reduced BOS
Cost effective product



+5W
Positive power tolerance



Fire resistance
Maximum protection



Avoid losses
Better shading tolerance



Efficiency
460Wp module



1997 to 2022
25TH
ANNIVERSARY



WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 144_HALF-CUT PLUS_450-460Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

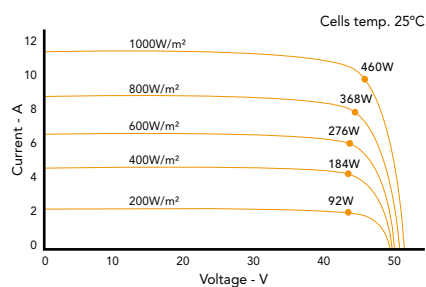
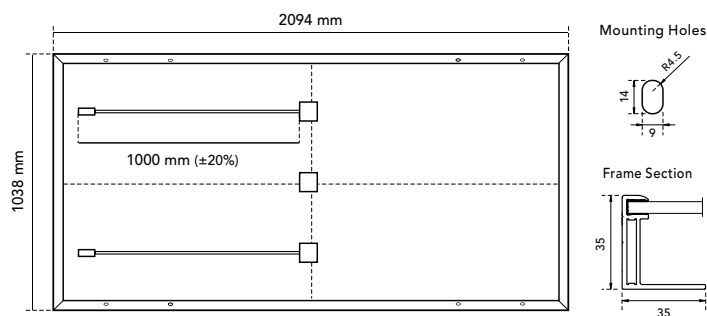
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

144 [2x(12x6)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

25 Kg | 2094 x 1038 x 35 mm ($\pm 1\%$) | Pack: 726 pcs-truck



ELECTRIC DATA »

BLACK - STANDARD - BICOLOUR	MEPV 450	MEPV 460
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{max}	450 Wp	460 Wp
Max. power tolerance. P _{max}	0 / +5 W	0 / +5 W
Area of the module	2,17 m ²	
Module efficiency	20,70 %	21,16 %
I _{sc}	11,50 A	11,66 A
V _{oc}	49,98 V	50,38 V
I _{mp}	10,89 A	11,03 A
V _{mp}	41,36 V	41,76 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{max}	338,64 W	349,78 W
I _{sc}	9,26 A	9,37 A
V _{oc}	47,18 V	47,52 V
I _{mp}	8,71 A	8,88 A
V _{mp}	38,88 V	39,39 V
Operating parameters. Temperature coefficients		
Maximum voltage	1000 - 1500 V	
Maximum series fuse rating. I _r	20 A	
α I _{sc}	0,046 % / °C	
β V _{oc}	- 0,276 % / °C	
γ P _{max}	- 0,381 % / °C	
Temperature range	- 40°C ~ + 85 °C	
NOCT	42 $\pm$ 2 °C	

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

Eurener_MEPV 144_HALF-CUT PLUS_450-460Wp_EN_SEPT2022

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www.eurenergroupp.com
contact@eurenerworld.com
+34 960 045 515
Calle Colón, 1-23
46004, Valencia, Spain

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Monocrystalline Photovoltaic Module »



MEPV 144 HALF-CUT PLUS

BLACK » 540 Wp

QUALITY »



MBB technology
Better light absorption



Reduced BOS
Cost effective product



+5W
Positive power tolerance



Fire resistance
Maximum protection



Avoid losses
Better shading tolerance



Efficiency
Over 20% efficiency



1997 to 2022
25TH
ANNIVERSARY

*** EUROPEAN QUALITY



WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 144_HALF-CUT PLUS_540Wp_2022EN

FRAME

Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

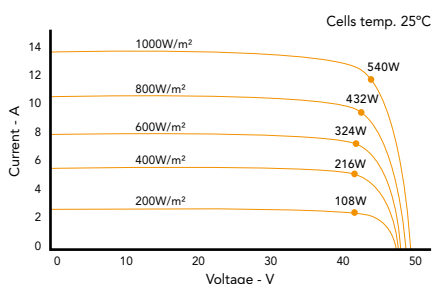
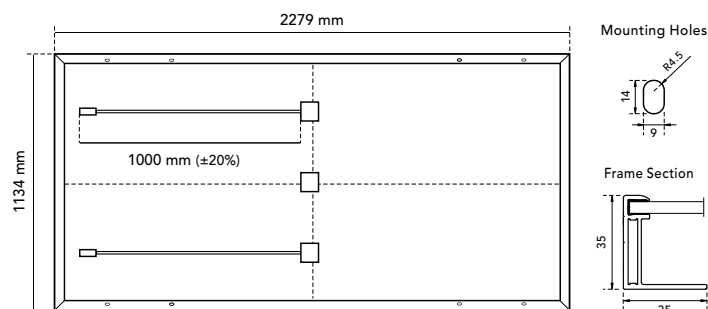
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

144 [2x(12x6)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

29 Kg | 2279 x 1134 x 35 mm ($\pm 1\%$) | Pack: 620 pcs-truck



ELECTRIC DATA »

BLACK	MEPV 540
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{max}	540 Wp
Max. power tolerance. P _{max}	0 / +5 W
Area of the module	2,58 m ²
Module efficiency	20,89 %
I _{sc}	13,83 A
V _{oc}	49,43 V
I _{mp}	13,00 A
V _{mp}	41,54 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. P _{max}	407,78 W
I _{sc}	11,13 A
V _{oc}	46,67 V
I _{mp}	10,40 A
V _{mp}	39,21 V
Operating parameters. Temperature coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. I _r	25 A
α I _{sc}	0,047 % / °C
β V _{oc}	- 0,27 % / °C
γ P _{max}	- 0,34 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	44 $\pm$ 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

Eurener_MEPV 144_HALF-CUT PLUS_540Wp_EN_SEP2022

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contact@eurenerworld.com
+34 960 045 515
Calle Colón, 1-23
46004, Valencia, Spain

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Monocrystalline Photovoltaic Module »



MEPV 144 HALF-CUT PLUS

STANDARD » 550 Wp

QUALITY »



MBB technology
Better light absorption



Reduced BOS
Cost effective product



+5W
Positive power tolerance



Fire resistance
Maximum protection



Avoid losses
Better shading tolerance



Efficiency
Over 21% efficiency



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WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 144_HALF-CUT PLUS_550Wp_2022EN

FRAME

Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

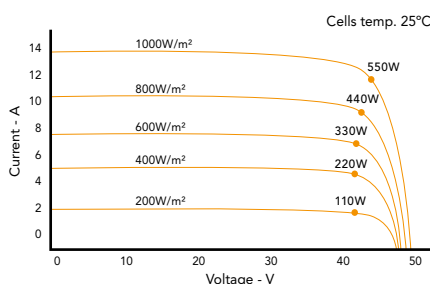
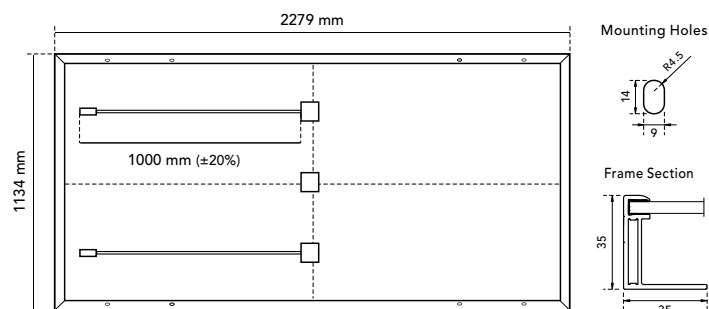
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

144 [2x(12x6)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

29 Kg | 2279 x 1134 x 35 mm ($\pm 1\%$) | Pack: 620 pcs-truck



ELECTRIC DATA »

STANDARD	MEPV 550
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{max}	550 Wp
Max. power tolerance. P _{max}	0 / +5 W
Area of the module	2,58 m ²
Module efficiency	21,28 %
I _{sc}	13,93 A
V _{oc}	49,97 V
I _{mp}	13,12 A
V _{mp}	41,95 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. P _{max}	415,49 W
I _{sc}	11,22 A
V _{oc}	47,17 V
I _{mp}	10,50 A
V _{mp}	39,57 V
Operating parameters. Temperature coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. I _r	25 A
α I _{sc}	0,047 % / °C
β V _{oc}	- 0,27 % / °C
γ P _{max}	- 0,34 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	44 $\pm$ 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

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www.eurenergroupp.com
contact@eurenerworld.com
+34 960 045 515
Calle Colón, 1-23
46004, Valencia, Spain

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PRODUCT
CATALOGUE
2022/23



MEPV Ultra Premium Series

✎ *Ecofriendly, powerful & stylish*

MEPV Ultra Premium Series from 400 to 440Wp

By eliminating the busbars and interconnections on the front of the module, we offer a better aesthetically product that blends in with darker surfaces.



IBC technology

- Interdigitated back contact. Removing the busbars from the front side reduces the effect of shadows on the solar cells.



N-type cell

- Due to their composition, offer higher performance and efficiency than P-type cells and reduce the LID and LeTID effect.



Higher efficiency

- Efficiency of more than 22%.



Premium integration

- Total black appearance without connections on the front size for a perfect integration in facades and roofs.



30 years warranty

- The performance warranty has been increased 90% at 30th year.



Better temp. coefficient ($-0,29\%/^{\circ}\text{C}$)

- This allows higher power output in difficult conditions for the silicon.





MEPV Ultra Premium Series

DATA SHEETS

| Eurener_MEPV 120_ULTRA PREMIUM_400Wp

| Eurener_MEPV 132_ULTRA PREMIUM_440Wp

Monocrystalline Photovoltaic Module »



MEPV 120 ULTRA PREMIUM

BLACK » 400 W_p

QUALITY »



IBC technology
Interdigitated
back contact



N-type cell
120 Half-Cut IBC



Staubli MC4
Top quality components



Premium integration
Total black



Long durability
90% at the 30th year



Efficiency
Over 22% efficiency



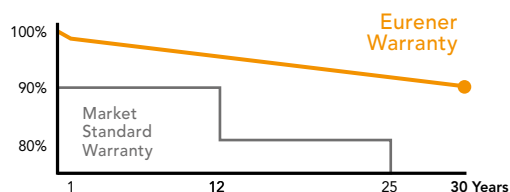
1997 to 2022
25TH
ANNIVERSARY

*** EUROPEAN QUALITY

WARRANTIES »

20 YEARS PRODUCT WARRANTY
+5 years for Premium Partners

30 YEARS PERFORMANCE WARRANTY
Linear Warranty



CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_ULTRA PREMIUM_400Wp_2022EN

FRAME

Black anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

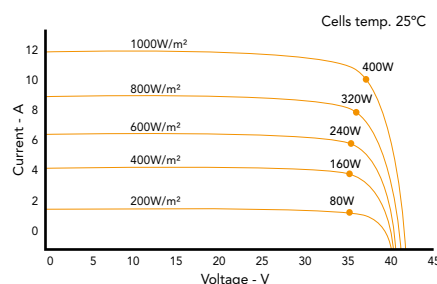
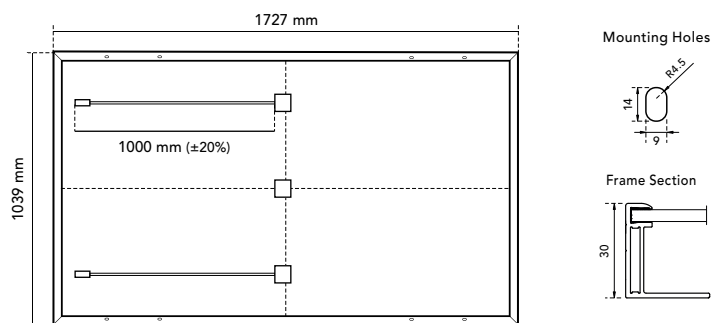
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

120 (6x20) cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

20 Kg | 1727 x 1039 x 30 mm ($\pm 1\%$) | Pack: 949 pcs-truck



ELECTRIC DATA »

BLACK	MEPV 400
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{max}	400 Wp
Max. power tolerance. P _{max}	0 / +5 W
Area of the module	1,79 m ²
Module efficiency	22,30 %
I _{sc}	12,05 A
V _{oc}	42,10 V
I _{mp}	11,09 A
V _{mp}	36,10 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. P _{max}	302 W
I _{sc}	9,65 A
V _{oc}	40,30 V
I _{mp}	9,02 A
V _{mp}	33,50 V
Operating parameters. Temperature coefficients	
Maximum voltage	1500 V
Maximum series fuse rating. I _r	20 A
α I _{sc}	0,046 % / °C
β V _{oc}	- 0,246 % / °C
γ P _{max}	- 0,290 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	43 $\pm$ 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

Eurener_MEPV 120_ULTRA PREMIUM_400Wp_EN_SEP2022

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contact@eurenerworld.com
+34 960 045 515
Calle Colón, 1-23
46004, Valencia, Spain

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Monocrystalline Photovoltaic Module »



MEPV 132 ULTRA PREMIUM

BLACK » 440 W_p

QUALITY »



IBC technology
Interdigitated
back contact



N-type cell
132 Half-Cut IBC



Staubli MC4
Top quality components



Premium integration
Total black



Long durability
90% at the 30th year



Efficiency
Over 22% efficiency



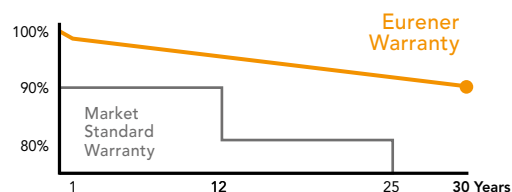
1997 to 2022
25TH
ANNIVERSARY

*** EUROPEAN QUALITY

WARRANTIES »

20 YEARS PRODUCT WARRANTY
+5 years for Premium Partners

30 YEARS PERFORMANCE WARRANTY
Linear Warranty



CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 132_ULTRA PREMIUM_440Wp_2022EN

FRAME

Black anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

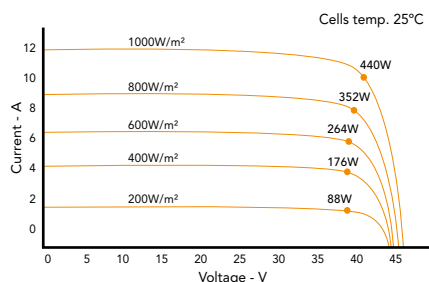
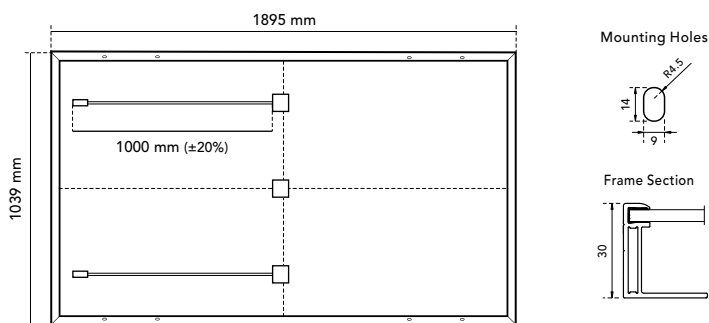
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

132 (22x6) cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

21 Kg | 1895 x 1039 x 30 mm ($\pm 1\%$) | Pack: 900 pcs-truck



ELECTRIC DATA »

BLACK	MEPV 440
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{max}	440 Wp
Max. power tolerance. P _{max}	0 / +5 W
Area of the module	1,96 m ²
Module efficiency	22,35 %
I _{sc}	12,06 A
V _{oc}	46,30 V
I _{mp}	11,12 A
V _{mp}	39,60 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. P _{max}	332 W
I _{sc}	9,73 A
V _{oc}	44,40 V
I _{mp}	8,89 A
V _{mp}	37,00 V
Operating parameters. Temperature coefficients	
Maximum voltage	1500 V
Maximum series fuse rating. I _r	20 A
α I _{sc}	0,046 % / °C
β V _{oc}	- 0,246 % / °C
γ P _{max}	- 0,290 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	43 $\pm$ 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener_MEPV 132_ULTRA PREMIUM_440Wp_EN_SEP2022

1997 to 2022
25TH
ANNIVERSARY

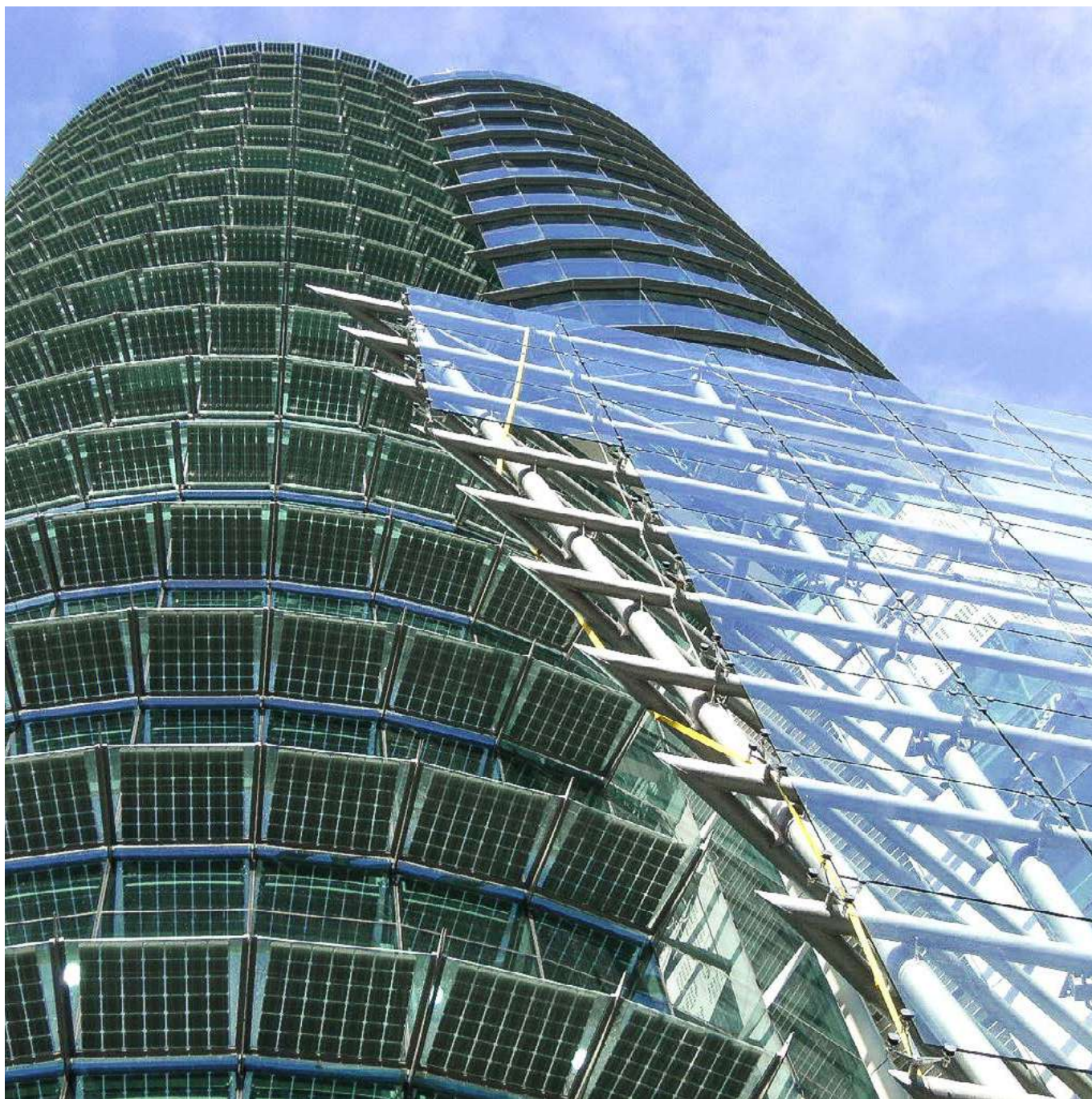
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contact@eurenerworld.com
+34 960 045 515
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46004, Valencia, Spain

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PRODUCT
CATALOGUE
2022/23



MEPV Double Glass Series

➤ *To the visionaries*

MEPV Double Glass Series from 375 to 380Wp

Energy losses due to shading are avoided, allowing an increase of power production.



Multi Busbars (MBB)

- The busbars are thinner and rounded to increase the light absorption.



Glass

- Increased mechanical resistance (5.400 Pa / 2.400 Pa).
- Increased resistance to rust and abrasion for increased durability.



Different finishing

- Framed or frameless for a customised integration.



Product versatility

- Module with translucent aesthetics.
- Multiple project typologies.



Original MC4 connectors

- We work with the best brands of components under request.



30 years warranty

- Our Double Glass modules suffer less degradation due to the elimination of the backsheet.
- 30 years of product and performance warranty.





MEPV Double Glass Series

DATA SHEETS

| Eurener_MEPV 120_DOUBLE GLASS_375-380Wp

| Eurener_MEPV 120_DOUBLE GLASS_Frameless_375-380Wp

Monocrystalline Photovoltaic Module »



MEPV 120 DOUBLE GLASS

STANDARD - BLACK »
375 / 380 W_p

QUALITY »



MBB technology
Better light absorption



BIPV
Architectural integration



Load endurance
Front load / Back load



Translucent
Light can pass through it



+5W
Positive power tolerance



Long durability
80% at the 30th year



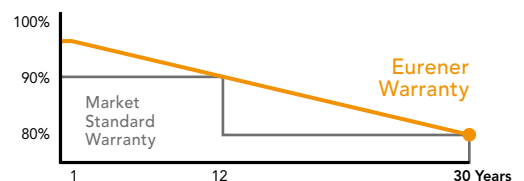
1997 to 2022
25TH
ANNIVERSARY



WARRANTIES »

30 YEARS PRODUCT WARRANTY

30 YEARS PERFORMANCE WARRANTY
Linear Warranty



CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_DOUBLE GLASS_375-380Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

GLASS

Back Glass | 2 mm tempered glass / 2 mm ceramic coated glass

Front Glass | 2mm tempered ARC glass

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

2 mm + 2 mm tempered glass

Textured, extra-clear with low iron content

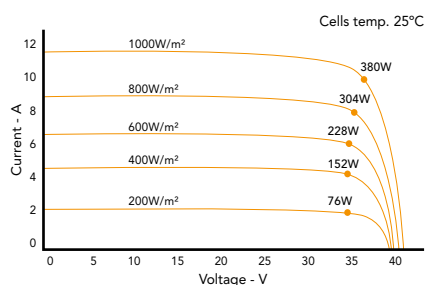
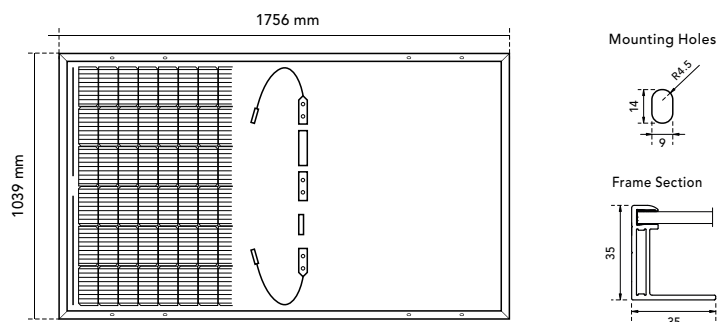
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

120 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

26 Kg | 1756 x 1039 x 35 mm ($\pm 1\%$) | Pack: 871 pcs-truck



ELECTRIC DATA »

STANDARD - BLACK	MEPV 375	MEPV 380
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{max}	375 Wp	380 Wp
Max. power tolerance. P _{max}	0 / +5 W	0 / +5 W
Area of the module	1,82 m ²	
Module efficiency	20,55 %	20,83 %
I _{sc}	11,78 A	11,90 A
V _{oc}	41,00 V	41,10 V
I _{mp}	11,10 A	11,20 A
V _{mp}	33,80 V	33,95 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{max}	279,55 W	283,23 W
I _{sc}	9,48 A	9,56 A
V _{oc}	37,92 V	38,02 V
I _{mp}	8,94 A	9,02 A
V _{mp}	31,27 V	31,40 V
Operating parameters. Temperature coefficients		
Maximum voltage	1000 - 1500 V	
Maximum series fuse rating. I _r	15 A	
α I _{sc}	0,06 % / °C	
β V _{oc}	- 0,30 % / °C	
γ P _{max}	- 0,4 % / °C	
Temperature range	- 45°C ~ + 85 °C	
NOCT	42 $\pm$ 2 °C	

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

Eurener_MEPV 120_DOUBLE GLASS_375-380Wp_EN_SEP2022

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contact@eurenerworld.com
+34 960 045 515
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Monocrystalline Photovoltaic Module »



MEPV 120 DOUBLE GLASS

FRAMELESS » 375 / 380 Wp

QUALITY »



MBB technology
Better light absorption



BIPV
Architectural integration



Load endurance
Front load / Back load



Translucent
Light can pass through it



+5W
Positive power tolerance



Long durability
80% at the 30th year



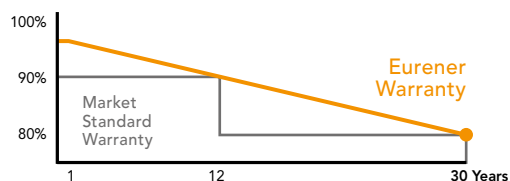
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WARRANTIES »

30 YEARS PRODUCT WARRANTY

30 YEARS PERFORMANCE WARRANTY
Linear Warranty



CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_DOUBLE GLASS Frameless_375-380Wp_2022EN

GLASS

Back Glass | 2 mm tempered glass / 2 mm ceramic coated glass

Front Glass | 2mm tempered ARC glass

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

2 mm + 2 mm tempered glass

Textured, extra-clear with low iron content

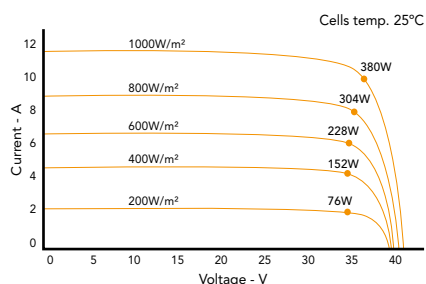
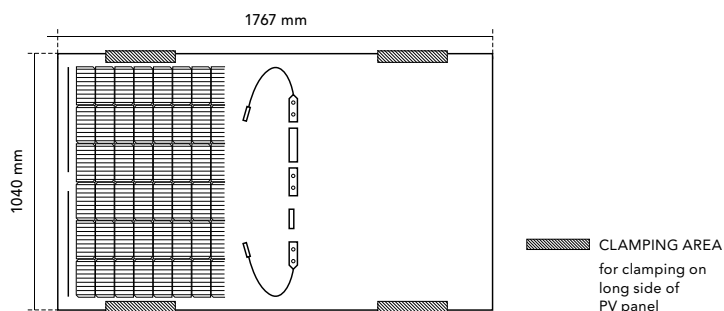
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

120 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

26 Kg | 1767 x 1040 x 6 mm ($\pm 1\%$) | Pack: 871 pcs-truck



ELECTRIC DATA »

FRAMELESS	MEPV 375	MEPV 380
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{max}	375 Wp	380 Wp
Max. power tolerance. P _{max}	0 / +5 W	0 / +5 W
Area of the module	1,83 m ²	
Module efficiency	20,49 %	20,76 %
I _{sc}	11,80 A	11,92 A
V _{oc}	40,99 V	41,12 V
I _{mp}	11,14 A	11,23 A
V _{mp}	33,77 V	33,96 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{max}	280,87 W	284,68 W
I _{sc}	9,45 A	9,54 A
V _{oc}	38,23 V	38,34 V
I _{mp}	8,92 A	8,99 A
V _{mp}	31,49 V	31,67 V
Operating parameters. Temperature coefficients		
Maximum voltage	1000 - 1500 V	
Maximum series fuse rating. I _r	15 A	
α I _{sc}	0,06 % / °C	
β V _{oc}	- 0,30 % / °C	
γ P _{max}	- 0,4 % / °C	
Temperature range	- 45°C ~ + 85 °C	
NOCT	42 $\pm$ 2 °C	

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener_MEPV 120_DOUBLE GLASS Frameless_375-380Wp_EN_SEP2022

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PRODUCT
CATALOGUE
2022/23



MEPV Bifacial Series

✎ *For those who define limits*

MEPV Bifacial Series - 550Wp

Energy losses due to shading are avoided, allowing optimisation of electricity production.



Multi Busbars (MBB)

- Thinner and rounded to increase the light absorption.



Glass

- Increased mechanical resistance (5.400 Pa / 2.400 Pa).
- Increased resistance to rust and abrasion for increased durability.



1500V

- Maximum power per module to reduce LCOE.



Albedo

- It has considerable gains on grass land (7%), dry sand (9%), especially in snowfield (19%).



DHI

- Diffuse light can be absorbed by the rear side of the module.





MEPV Bifacial Series

↘ *DATA SHEETS*

| Eurener_MEPV 144_BIFACIAL_550Wp

Monocrystalline Photovoltaic Module »



MEPV 144 BIFACIAL

STANDARD » 550Wp

QUALITY »



144 cells

Half-Cut monocrystalline



Bifacial PERC

Generates solar energy from both sides



**5400 Pa
2400 Pa**

Load endurance

Front load / Back load



Translucent

Light can pass through it



+5W

Positive power tolerance



Efficiency

Over 21% efficiency



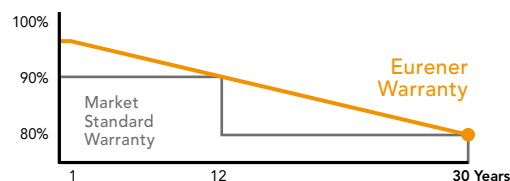
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WARRANTIES »

30 YEARS PRODUCT WARRANTY

30 YEARS PERFORMANCE WARRANTY
Linear Warranty



CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 144_BIFACIAL_550W_2022EN

FRAME

Silver anodized aluminium

Robust and resistant to corrosion

GLASS

Back Glass | 2 mm heat strengthened glass

Front Glass | 2mm heat strengthened glass

Deeply textured glass to reduce glare

Deflection: SLS load L/40 | ULS load L/30

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

Textured, extra-clear with low iron content

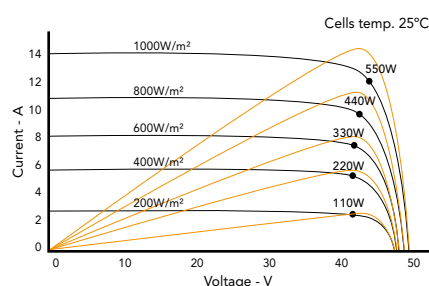
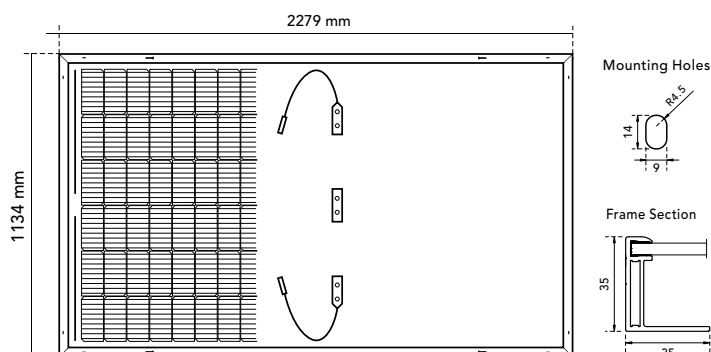
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

144 cells monocrystalline bi-facial

WEIGHT AND DIMENSIONS

29 Kg | 2279 x 1134 x 35 mm ($\pm 1\%$) | Pack: 620 pcs-truck



ELECTRIC DATA »

STANDARD		MEPV 550			
STC: 1000 W/m², module temperature 25°C, AM 1,5					
Nominal power. Pmax		550 W			
Max. power tolerance. Pmax		0 / +5 W			
Area of the module		2,58 m²			
Module efficiency		21,28 %			
Isc		14,30 A			
Voc		49,32 V			
Imp		13,27 A			
Vmp		41,45 V			
Double side power output (Max. power) - 10%		605 W			
Double side power output (Max. power) - 15%		632,50 W			
Double side power output (Max. power) - 20%		660 W			
Double side power output (Max. power) - 30%		715 W			
NOCT		42 ± 2 °C			
Maximum voltage: 1500 V	Maximum series fuse rating. Ir: 20 A	α Isc: 0,04 % / °C	β Voc: - 0,27 % / °C	γ Pmax: - 0,34 % / °C	Temperature range: - 40°C ~ +85°C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener_MEPV 144_BIFACIAL_550W_EN_SEP2022

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PRODUCT
CATALOGUE
2022/23



MEPV & PEPV Classic Series

↘ *Power takes no place*

MEPV & PEPV Classic Series from 280 to 345Wp

The classic 60 and 72-cell modules, both monocrystalline and polycrystalline, have dominated the market for years and a large number of installations have been carried out with this technology.

PEPV

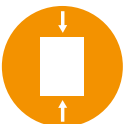
Polycrystalline

- Polycrystalline option available.



M0 & M3 cells

- Modules with 156 and 158,75mm cells.



Reduced size

- More manageable.



Customisable frame

- Customisable frame in 35mm or 40mm.



Class I fire resistance

- Maximum protection.





MEPV & PEPV Classic Series

DATA SHEETS

- | Eurener_MEPV 60_TURBO SUPERIOR_300Wp
- | Eurener_MEPV 60_TURBO SUPERIOR_300-320Wp
- | Eurener_PEPV 60_SUPERIOR_280-285Wp
- | Eurener_PEPV 72_STANDARD_340-345Wp
- | Eurener_PEPV 120_HALF-CUT_300Wp

Monocrystalline Photovoltaic Module »



MEPV 60 TURBO SUPERIOR

BLACK - STANDARD - BICOLOUR »
300 Wp

QUALITY »



60 cells
Monocrystalline



+5W
Positive power tolerance



Long durability
Continuous performance



Proven technology
More reliable



Fire resistance
Maximum protection



Optimal performance
Power and efficiency



1997 to 2022
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*** EUROPEAN QUALITY

WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 60_TURBO SUPERIOR_300Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in (3/6)

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

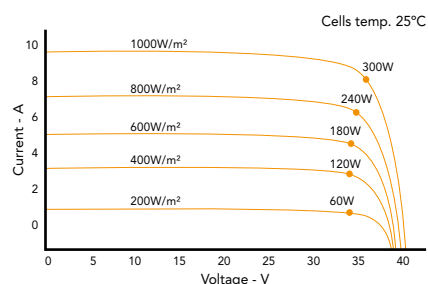
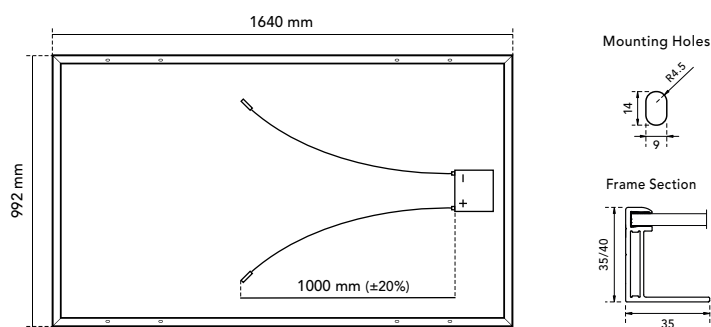
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

60 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

18,5 Kg | 1640 x 992 x 35 mm ($\pm 1\%$) | Pack: 896/784 pcs-truck



ELECTRIC DATA »

BLACK - STANDARD - BICOLOUR	MEPV 300
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{max}	300 Wp
Max. power tolerance. P _{max}	0 / +5 W
Area of the module	1,62 m ²
Module efficiency	18,45 %
I _{sc}	9,72 A
V _{oc}	40,10 V
I _{mp}	9,21 A
V _{mp}	32,60 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. P _{max}	224 W
I _{sc}	8,01 A
V _{oc}	37,00 V
I _{mp}	7,32 A
V _{mp}	30,60 V
Operating parameters. Temperature coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. I _r	15 A
α I _{sc}	0,048 % / °C
β V _{oc}	- 0,29 % / °C
γ P _{max}	- 0,39 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	45 $\pm$ 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance +/-3% (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

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Monocrystalline Photovoltaic Module »



MEPV 60 TURBO SUPERIOR

BLACK - STANDARD - BICOLOUR »
300 / 310 / 315 / **320 Wp**

QUALITY »



60 cells
Monocrystalline



+5W
Positive power tolerance



Long durability
Continuous performance



Proven technology
More reliable



Fire resistance
Maximum protection



Optimal performance
Power and efficiency



1997 to 2022
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*** EUROPEAN QUALITY

WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 60_TURBO SUPERIOR_300-320Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in (3/6)

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

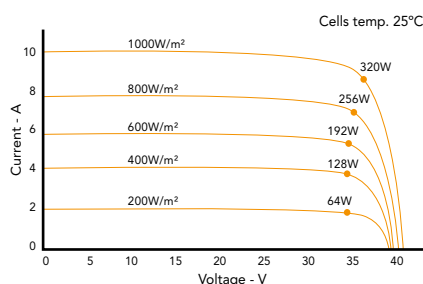
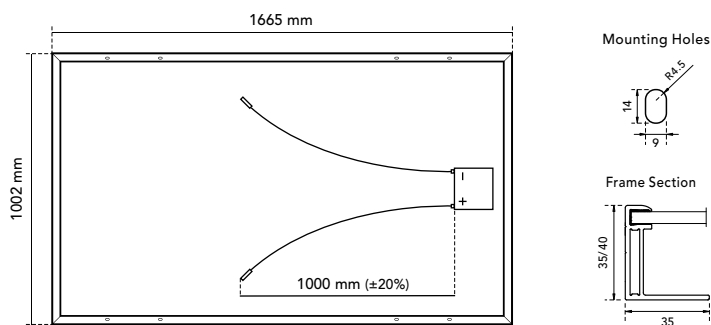
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

60 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

19 Kg | 1665 x 1002 x 35/40 mm ($\pm 1\%$) | Pack: 896/784 pcs-truck



ELECTRIC DATA »

BLACK - STANDARD - BICOLOUR	MEPV 300	MEPV 310	MEPV 315	MEPV 320
STC: 1000 W/m ² , module temperature 25°C, AM 1,5				
Nominal power. P _{max}	300 Wp	310 Wp	315 Wp	320 Wp
Max. power tolerance. P _{max}	0 / +5 W	0 / +5 W	0 / +5 W	0 / +5 W
Area of the module	1,67 m ²			
Module efficiency	17,98 %	18,59 %	18,88 %	19,19 %
I _{sc}	9,82 A	9,93 A	10,04 A	10,15 A
V _{oc}	40,30 V	40,50 V	40,70 V	40,90 V
I _{mp}	9,15 A	9,40 A	9,49 A	9,59 A
V _{mp}	32,80 V	33,00 V	33,20 V	33,40 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5				
Nominal power. P _{max}	223,61 W	231,11 W	235,87 W	239,26 W
I _{sc}	7,90 A	7,99 A	8,33 A	8,44 A
V _{oc}	37,28 V	37,46 V	37,60 V	37,80 V
I _{mp}	7,37 A	7,57 A	7,56 A	7,62 A
V _{mp}	30,34 V	30,53 V	31,20 V	31,40 V
Operating parameters. Temperature coefficients				
Maximum voltage	1000 - 1500 V			
Maximum series fuse rating. I _r	20 A			
α I _{sc}	0,048 % / °C			
β V _{oc}	- 0,28 % / °C			
γ P _{max}	- 0,37 % / °C			
Temperature range	- 40°C ~ + 85 °C			
NOCT	45 $\pm$ 2 °C			

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

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Polycrystalline Photovoltaic Module »



PEPV 60 SUPERIOR

STANDARD - BICOLOUR »
280 / **285 Wp**

QUALITY »



60 cells
Polycrystalline



Long durability
Continuous performance



+5W
Positive power tolerance



Fire resistance
Maximum protection



Proven technology
More reliable



Optimal performance
Power and efficiency



1997 to 2022
25TH
ANNIVERSARY



WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_PEPV 60_SUPERIOR_280-285Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in (3/6)

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

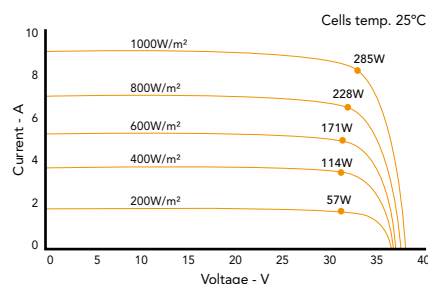
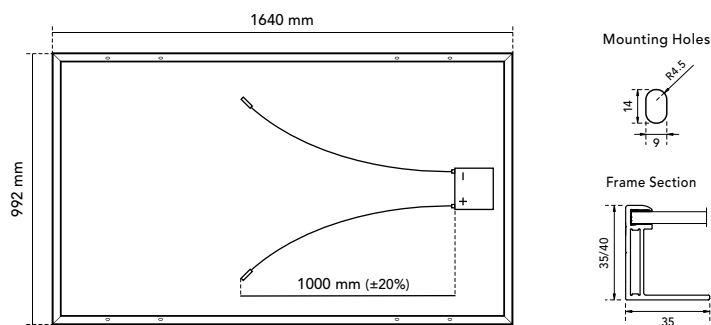
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

60 cells polycrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

18,50 Kg | 1640 x 992 x 35 mm ($\pm 1\%$) | Pack: 924/784 pcs-truck



ELECTRIC DATA »

STANDARD - BICOLOUR	PEPV 280	PEPV 285
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{max}	280 Wp	285 Wp
Max. power tolerance. P _{max}	0 / +5 W	0 / +5 W
Area of the module	1,62 m ²	
Module efficiency	17,21 %	17,52 %
I _{sc}	9,40 A	9,49 A
V _{oc}	38,20 V	38,30 V
I _{mp}	8,92 A	9,02 A
V _{mp}	31,40 V	31,60 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{max}	208,07 W	211,11 W
I _{sc}	7,59 A	7,66 A
V _{oc}	35,40 V	35,50 V
I _{mp}	7,17 A	7,23 A
V _{mp}	29,02 V	29,20 V
Operating parameters. Temperature coefficients		
Maximum voltage	1000 - 1500 V	
Maximum series fuse rating. I _r	15 A	
α I _{sc}	0,05 % / °C	
β V _{oc}	- 0,32 % / °C	
γ P _{max}	- 0,41 % / °C	
Temperature range	- 40°C ~ + 85 °C	
NOCT	42 ± 2 °C	

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

Eurener_PEPV 60_SUPERIOR_280-285Wp_EN_SEP2022

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Polycrystalline Photovoltaic Module »



PEPV 72 STANDARD

STANDARD - BICOLOUR »
340 / 345 Wp

QUALITY »



72 cells
Polycrystalline



Long durability
Continuous performance



+5W
Positive power tolerance



Fire resistance
Maximum protection



Proven technology
More reliable



Optimal performance
Power and efficiency



1997 to 2022
25TH
ANNIVERSARY



WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_PEPV 72_STANDARD_340-345Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in (3/6)

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

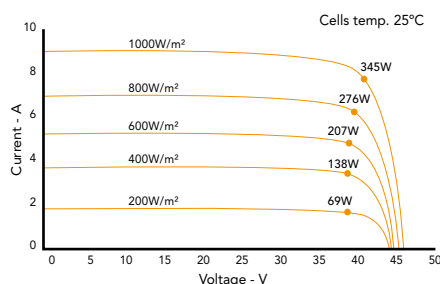
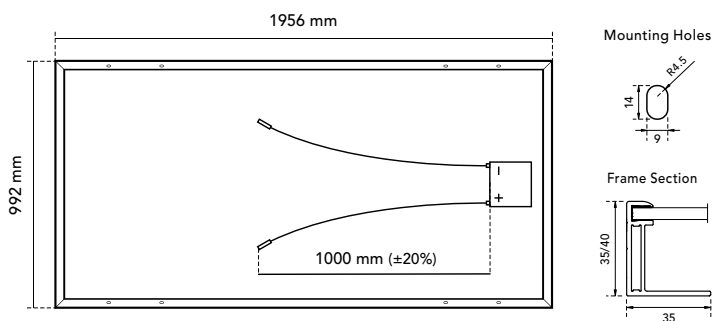
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

72 cells polycrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

22,50 Kg | 1956 x 992 x 35 mm ($\pm 1\%$) | Pack: 726/624 pcs-truck



ELECTRIC DATA »

STANDARD - BICOLOUR	PEPV 340	PEPV 345
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{max}	340 Wp	345 Wp
Max. power tolerance. P _{max}	0 / +5 W	0 / +5 W
Area of the module	1,94 m ²	
Module efficiency	17,53 %	17,79 %
I _{sc}	9,42 A	9,52 A
V _{oc}	46,20 V	46,70 V
I _{mp}	9,00 A	9,11 A
V _{mp}	37,80 V	37,90 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{max}	252,35 W	255,17 W
I _{sc}	7,60 A	7,68 A
V _{oc}	42,80 V	43,00 V
I _{mp}	7,21 A	7,27 A
V _{mp}	35,00 V	35,10 V
Operating parameters. Temperature coefficients		
Maximum voltage	1000 - 1500 V	
Maximum series fuse rating. I _r	15 A	
α I _{sc}	0,060 % / °C	
β V _{oc}	- 0,30 % / °C	
γ P _{max}	- 0,40 % / °C	
Temperature range	- 40°C ~ + 85 °C	
NOCT	45 $\pm$ 2 °C	

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

Eurener_PEPV 72_STANDARD_340-345Wp_EN_SEP2022

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contact@eurenerworld.com
+34 960 045 515
Calle Colón, 1-23
46004, Valencia, Spain

25 years manufacturing a better world

Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.

Polycrystalline Photovoltaic Module »



PEPV 120 HALF-CUT

STANDARD » 300W_p

QUALITY »



120 cells
Half-Cut polycrystalline



Long durability
Continuous performance



+5W
Positive power tolerance



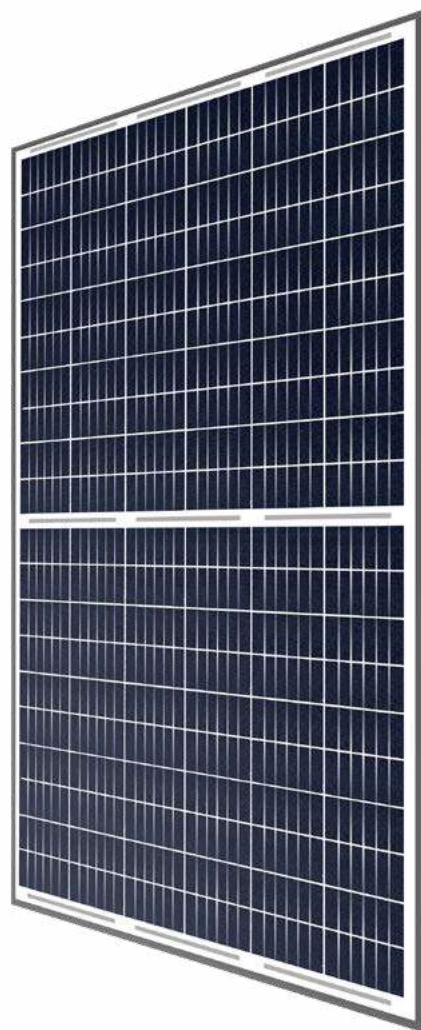
Fire resistance
Maximum protection



Proven technology
More reliable



Optimal performance
Power and efficiency



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*** EUROPEAN QUALITY

WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_PEPV 120_HALF-CUT_300Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

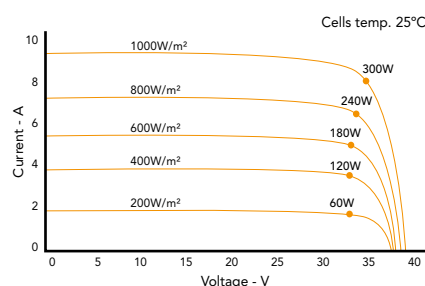
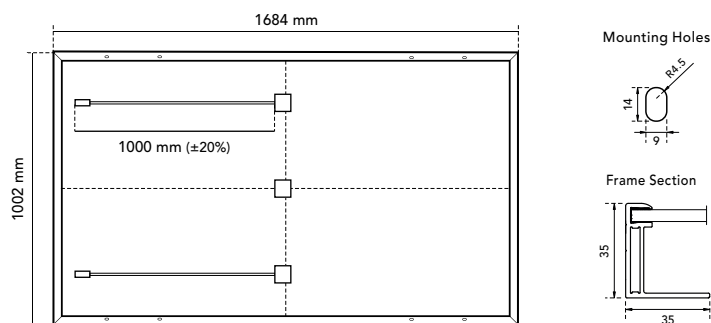
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

120 [2x(10x6)] cells polycrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

18 Kg | 1684 x 1002 x 35 mm ($\pm 1\%$) | Pack: 858 pcs-truck



ELECTRIC DATA »

STANDARD	PEPV 300
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{max}	300 Wp
Max. power tolerance. P _{max}	0 / +5 W
Area of the module	1,68 m ²
Module efficiency	17,79 %
I _{sc}	9,70 A
V _{oc}	39,16 V
I _{mp}	9,10 A
V _{mp}	33,00 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. P _{max}	226,86 W
I _{sc}	7,81 A
V _{oc}	36,73 V
I _{mp}	7,33 A
V _{mp}	30,95 V
Operating parameters. Temperature coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. I _r	15 A
α I _{sc}	0,05 % / °C
β V _{oc}	- 0,29 % / °C
γ P _{max}	- 0,32 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	42 $\pm$ 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance +/-3% (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

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+34 960 045 515
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