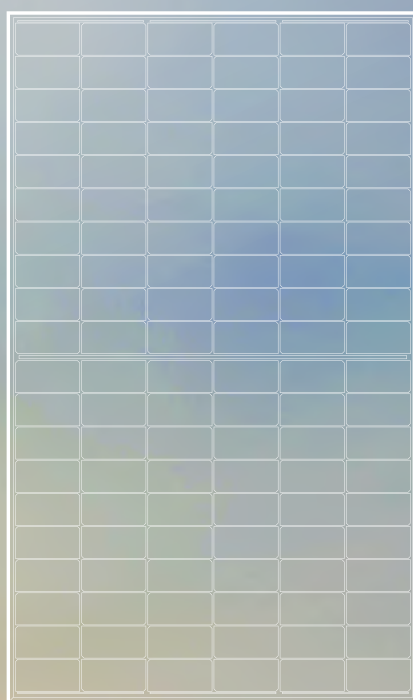




Specialist in residential integration
MORE THAN ENERGY



PRODUCT
CATALOGUE
2022





PRODUCT
CATALOGUE
2022



4 25th Anniversary
- 1997 to 2022 -

5 EURENER
European Quality
Personalized Service
Certificates
Warranties
Logistics
Bankability

8 - 24 MEPV Half-Cut
Series

26 - 32 MEPV Half-Cut Plus
Series

34 - 38 MEPV Ultra
Series

40 - 46 MEPV Double Glass
Series

48 - 52 MEPV Bifacial
Series

54 - 66 MEPV & PEPV Classic
Series



1997 TO 2022

25TH
ANNIVERSARY

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.



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 global level.



Warranties

Eurener modules, with a useful life of approximately 50 years, 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.

15

YEARS

PRODUCT
WARRANTY

25

YEARS

PERFORMANCE
WARRANTY

20

YEARS

PREMIUM
PRODUCT
WARRANTY

30

YEARS

PERFORMANCE
WARRANTY
Ultra Series
Double Glass 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 after many years of experience, results in a reliable and robust product, with premium finishing and high long-term performance.

MEPV Half-Cut Series

from 330 to 460Wp

- | 108 cells
- | 120 cells
- | 144 cells

Pag **8** to **24**



MEPV Half-Cut Plus Series

from 500 to 550Wp

- | 132 cells
- | 144 cells

Pag **26** to **32**

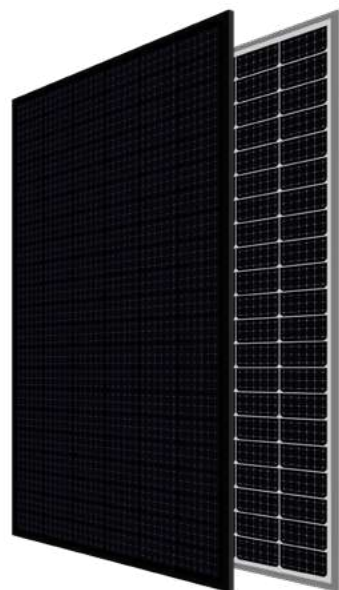


MEPV Ultra Series

from 375 to 385Wp

- | 126 cells

Pag **34** to **38**



Decisions that reduce your footprint

Eurener photovoltaic modules have evolved to become one of the most efficient and eco-friendly option on the market. We use renewable energy in the manufacturing process, reducing the environmental impact.

MEPV Double Glass Series

from 375 to 380Wp
also frameless finished

| 120 cells

Pag 40 to 46



MEPV Bifacial Series

from 540 to 550Wp

| 144 cells

Pag 48 to 52



MEPV & PEPV Classic Series

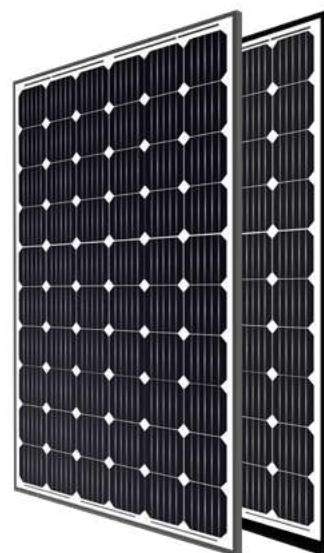
from 280 to 345Wp

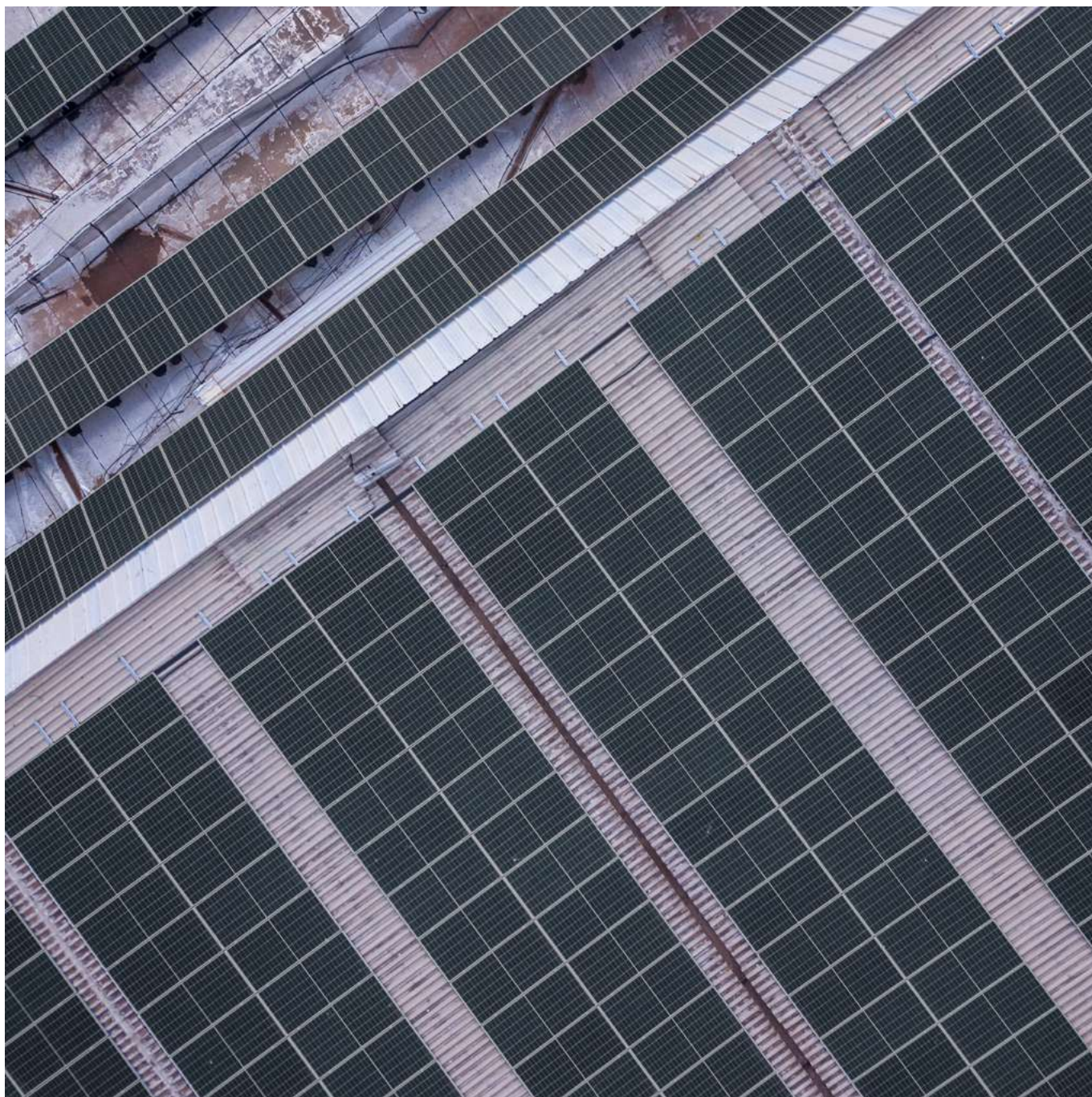
| 60 cells

| 72 cells

| 120 cells

Pag 54 to 66





MEPV Half-Cut Series

✎ *Maximum efficiency and versatility*

MEPV Half-Cut Series from 330 to 460Wp

Reduces thermal losses by working with lower current values.



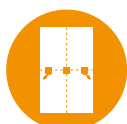
MBB Technology

- Reduces the internal resistance losses.
- Thinner and rounded busbar to increase the light absorption.



Avoids shading losses

- The parallel connection of the half-cell modules maintains production when one of the parts is shaded.



Split junction box

- Keeps the temperature lower than a single junction box.



Frame optimization

- We use 35 mm frames that make the panel easier to handle.



Versatile and cost-effective module

- Technology that fits residential, industrial and large installations.





MEPV Half-Cut Series

DATA SHEETS

- | Eurener_MEPV 108_HALF-CUT_400-415Wp
- | Eurener_MEPV 120_HALF-CUT_330-340Wp
- | Eurener_MEPV 120_HALF-CUT_375-380Wp
- | Eurener_MEPV 120_HALF-CUT_410Wp
- | Eurener_MEPV 120_HALF-CUT_420Wp
- | Eurener_MEPV 144_HALF-CUT_400-420Wp
- | Eurener_MEPV 144_HALF-CUT_450-460Wp

Monocrystalline Photovoltaic Module »



MEPV 108 HALF-CUT

STANDARD - BICOLOUR »
400 / 405 / 410 / **415 Wp**

QUALITY »



MBB technology
Better light absorption



Proven technology
More reliable



+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 »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 108_HALF-CUT_400-415Wp_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

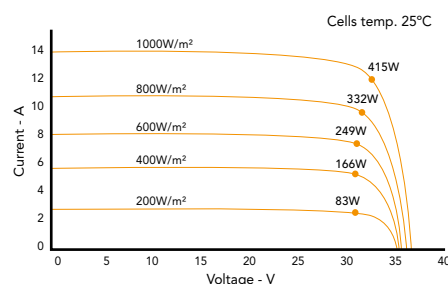
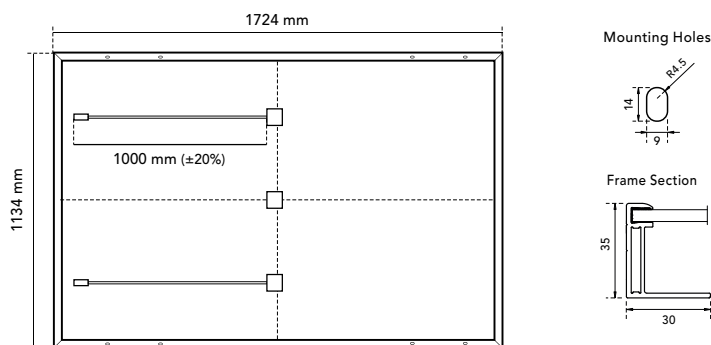
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

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

WEIGHT AND DIMENSIONS

21,5 Kg | 1724 x 1134 x 35 mm ($\pm 1\%$) | Pack: 868 pcs-truck



ELECTRIC DATA »

STANDARD - BICOLOUR	MEPV 400	MEPV 405	MEPV 410	MEPV 415
STC: 1000 W/m ² , module temperature 25°C, AM 1,5				
Nominal power. P _{mp}	400 Wp	405 Wp	410 Wp	415 Wp
Tolerance. P _{mp}	0 / +5 W	0 / +5 W	0 / +5 W	0 / +5 W
Area of the module	1,96 m ²			
Module efficiency	20,46 %	20,72 %	20,97 %	21,23 %
I _{sc}	13,79 A	13,87 A	13,95 A	14,02 A
V _{oc}	37,07 V	37,23 V	37,32 V	37,45 V
I _{mp}	12,90 A	12,98 A	13,04 A	13,13 A
V _{mp}	31,01 V	31,21 V	31,45 V	31,61 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5				
Nominal power. P _{mp}	301,96 W	305,90 W	309,98 W	313,85 W
I _{sc}	11,03 A	11,10 A	11,16 A	11,22 A
V _{oc}	34,88 V	35,12 V	35,23 V	35,37 V
I _{mp}	10,32 A	10,38 A	10,43 A	10,50 A
V _{mp}	29,26 V	29,47 V	29,72 V	29,89 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 ± 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_400-415Wp_EN_MAR2022

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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 »
330 / 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
25TH
ANNIVERSARY

*** EUROPEAN QUALITY

WARRANTIES »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_HALF-CUT_330-340Wp_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 (3/6)

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

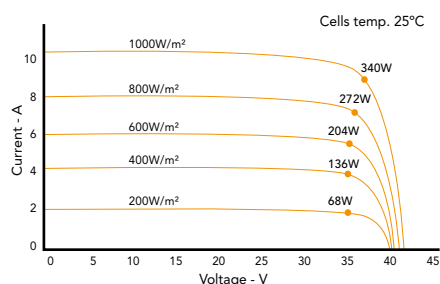
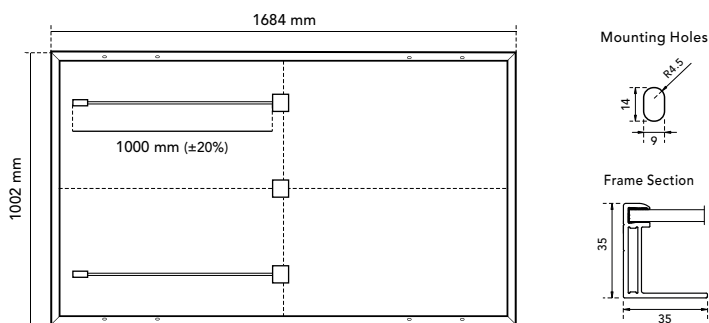
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

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 330	MEPV 340
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{mp}	330 Wp	340 Wp
Tolerance. P _{mp}	0 / +5 W	0 / +5 W
Area of the module	1,68 m ²	
Module efficiency	19,58 %	20,16 %
I _{sc}	10,14 A	10,26 A
V _{oc}	42,20 V	43,00 V
I _{mp}	9,63 A	9,75 A
V _{mp}	34,30 V	34,90 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{mp}	249,93 W	257,52 W
I _{sc}	8,16 A	7,68 A
V _{oc}	39,90 V	40,60 V
I _{mp}	7,69 A	7,78 A
V _{mp}	32,50 V	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_330-340Wp_EN_MAR2022

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25 years manufacturing a better world

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Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

BLACK - STANDARD - BICOLOUR »
375 / 380 W_p

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

*** EUROPEAN QUALITY

WARRANTIES »

15 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 (3/6)

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

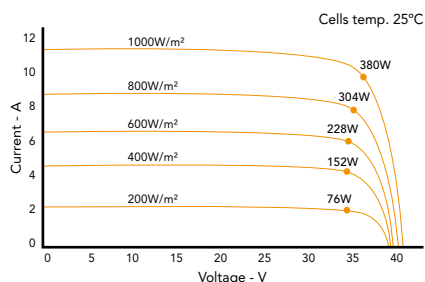
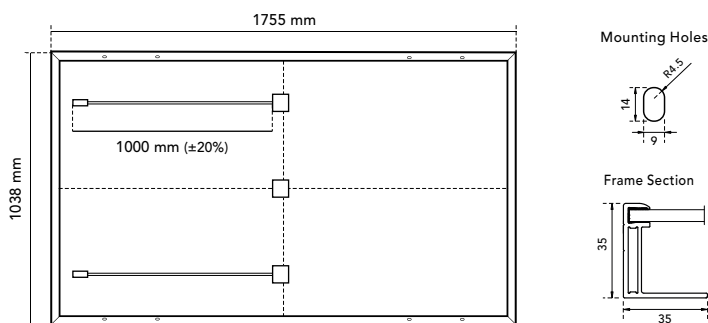
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

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

WEIGHT, DIMENSIONS AND PACKAGING

19,2 Kg | 1755 x 1038 x 35 mm ($\pm 1\%$) | Pack: 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 _{mp}	375 Wp	380 Wp
Tolerance. P _{mp}	0 / +5 W	0 / +5 W
Area of the module	1,82 m ²	
Module efficiency	20,60 %	20,87 %
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 _{mp}	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 - 1.500 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_MAR2022

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Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

BLACK » 410Wp

QUALITY »



120 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



1997 to 2022
25TH
ANNIVERSARY

*** EUROPEAN QUALITY ***

WARRANTIES »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_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 (3/6)

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

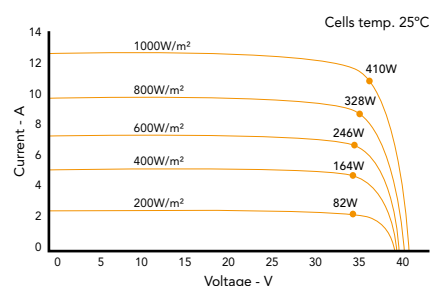
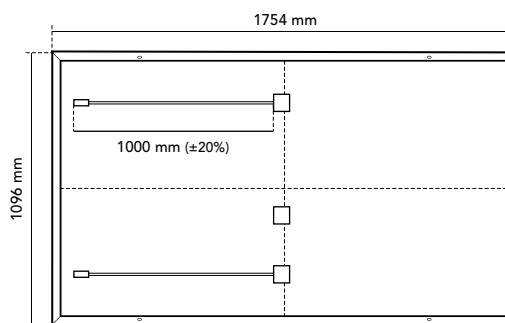
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

120 [2x(12x5)] 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. Pmpp	410 Wp
Tolerance. Pmpp	0 / +5 W
Area of the module	1,92 m ²
Module efficiency	21,33 %
Isc	12,40 A
Voc	41,60 V
Imp	11,85 A
Vmpp	34,60 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. Pmpp	310,29 W
Isc	9,99 A
Voc	39,10 V
Ipp	9,46 A
Vmpp	32,80 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 120_HALF-CUT_410Wp_EN_MAR2022

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Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

STANDARD » 420Wp

QUALITY »



120 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



1997 to 2022
25TH
ANNIVERSARY

*** EUROPEAN QUALITY ***

WARRANTIES »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_HALF-CUT_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 (3/6)

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

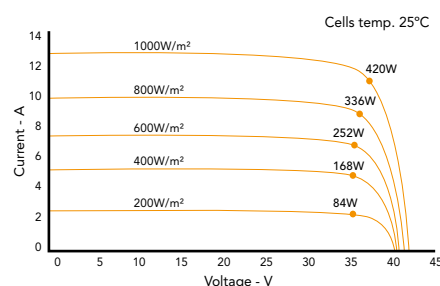
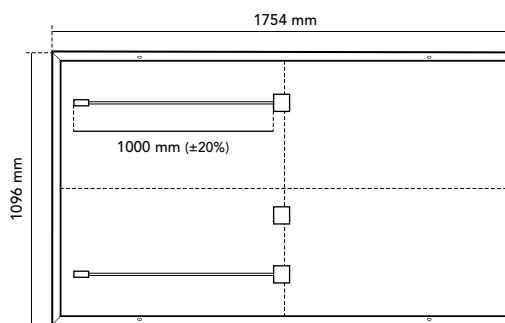
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

120 [2x(12x5)] 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 420
STC: 1000 W/m², module temperature 25°C, AM 1,5	
Nominal power. Pmpp	420 Wp
Tolerance. Pmpp	0 / +5 W
Area of the module	1,92 m²
Module efficiency	21,87 %
Isc	12,52 A
Voc	42,00 V
Ipp	12,01 A
Vmpp	35,00 V
NOCT: 800 W/m², ambient temperature 20°C, AM 1,5	
Nominal power. Pmpp	318,35 W
Isc	10,08 A
Voc	39,50 V
Ipp	9,56 A
Vmpp	33,30 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 120_HALF-CUT_420Wp_EN_MAR2022

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Monocrystalline Photovoltaic Module »



MEPV 144 HALF-CUT

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

QUALITY »



MBB technology
Better light absorption



Proven technology
More reliable



+5W
Positive power tolerance



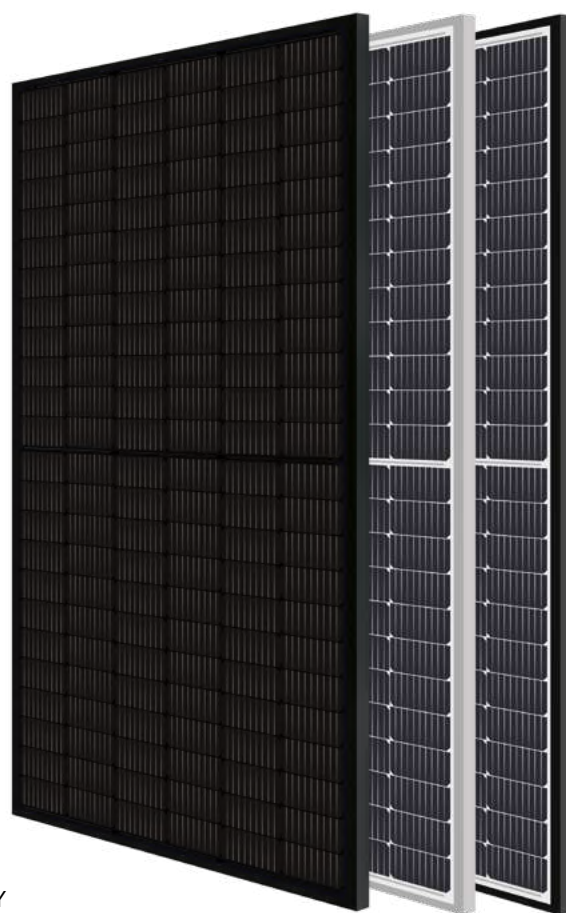
Fire resistance
Maximum protection



Avoid losses
Better shading tolerance



Optimal performance
Power and efficiency



1997 to 2022
25TH
ANNIVERSARY

*** EUROPEAN QUALITY ***

WARRANTIES »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 144_HALF-CUT_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 (3/6)

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

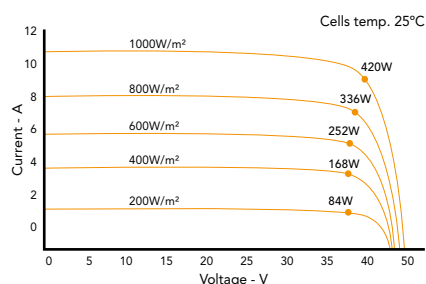
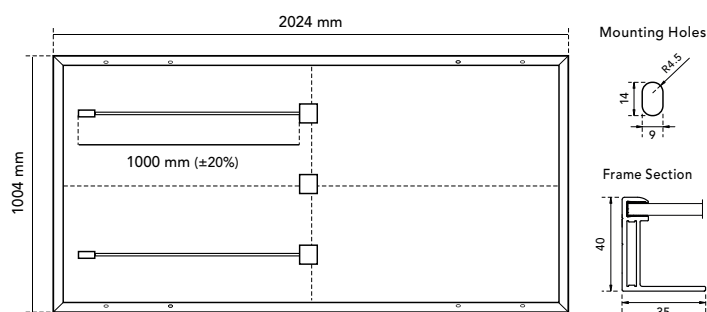
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

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

WEIGHT, DIMENSIONS AND PACKAGING

23 Kg | 2024 x 1004 x 40 mm ($\pm 1\%$) | Pack: 638 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 _{mp}	400 Wp	410 Wp	415 Wp	420 Wp
Tolerance. P _{mp}	0 / +5 W	0 / +5 W	0 / +5 W	0 / +5 W
Area of the module	2,03 m ²			
Module efficiency	19,70 %	20,19 %	20,44 %	20,69 %
I _{sc}	10,33 A	10,41 A	10,45 A	10,49 A
V _{oc}	48,90 V	49,30 V	49,50 V	49,70 V
I _{mp}	9,81 A	9,91 A	9,96 A	10,01 A
V _{mp}	40,80 V	41,40 V	41,70 V	42,00 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5				
Nominal power. P _{mp}	302,00 W	309,24 W	312,39 W	315,15 W
I _{sc}	8,33 A	8,39 A	8,43 A	8,45 A
V _{oc}	46,00 V	46,40 V	46,60 V	46,90 V
I _{mp}	7,89 A	7,97 A	8,01 A	8,06 A
V _{mp}	38,20 V	38,80 V	39,00 V	39,10 V
Operating parameters. Temperature coefficients				
Maximum voltage	1000 - 1500 V			
Maximum series fuse rating. I _r	20 A			
α I _{sc}	0,05 % / °C			
β V _{oc}	- 0,29 % / °C			
γ P _{max}	- 0,37 % / °C			
Temperature range	- 40°C ~ + 85 °C			
NOCT	41 ± 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 144_HALF-CUT_400-420Wp_EN_MAR2022

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Monocrystalline Photovoltaic Module »



MEPV 144 HALF-CUT

BLACK - STANDARD - BICOLOUR »
450 / 460 Wp

QUALITY »



MBB technology
Better light absorption



Reduced BOS
Cost effective product



+5W
Positive power tolerance



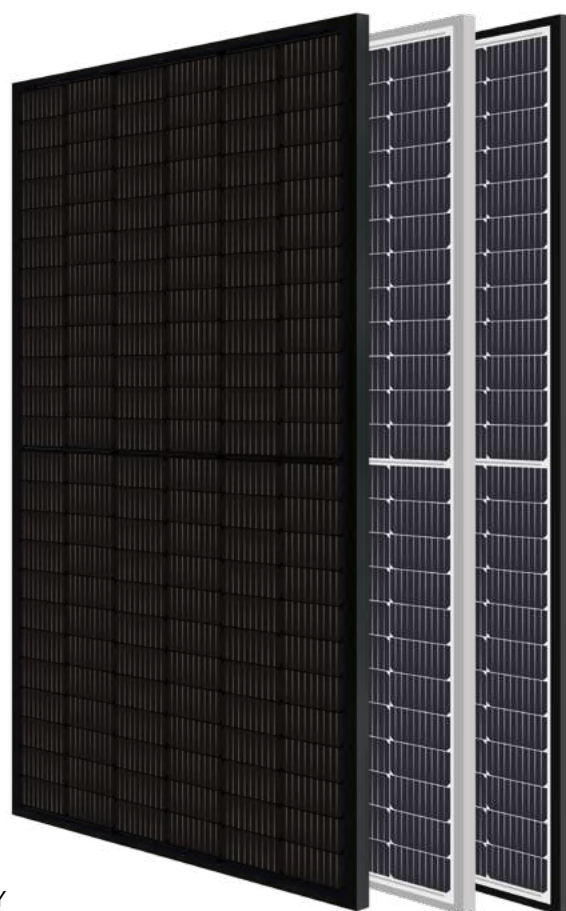
Fire resistance
Maximum protection



Avoid losses
Better shading tolerance



Efficiency
Over 20% efficiency



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*** EUROPEAN QUALITY ***

WARRANTIES »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 144_HALF-CUT_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 (3/6)

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

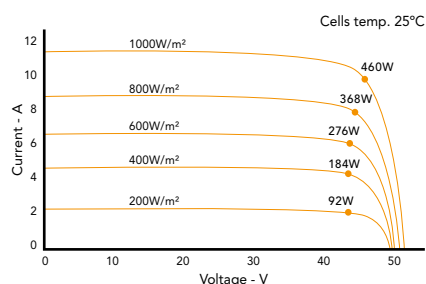
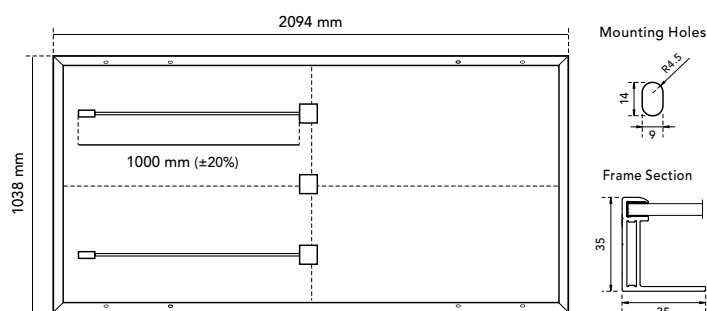
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

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 _{mpp}	450 Wp	460 Wp
Tolerance. P _{mpp}	0 / +5 W	0 / +5 W
Area of the module	2,17 m ²	
Module efficiency	20,72 %	21,19 %
I _{sc}	11,50 A	11,66 A
V _{oc}	49,98 V	50,38 V
I _{mpp}	10,89 A	11,03 A
V _{mpp}	41,36 V	41,76 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{mpp}	338,64 W	349,78 W
I _{sc}	9,26 A	9,37 A
V _{oc}	47,18 V	47,52 V
I _{mpp}	8,71 A	8,88 A
V _{mpp}	38,88 V	39,39 V
Operating parameters. Temperature coefficients		
Maximum voltage	1.000 - 1.500 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_450-460Wp_EN_MAR2022

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PRODUCT
CATALOGUE
2022



MEPV Half-Cut Plus Series

✎ *For the most demanding professionals*

MEPV Half-Cut Plus Series from 500 to 550Wp

For increased power and reduced shading loss.



M10 cell

- 182 mm wafer.



MBB technology

- Up to 10 busbars.



1500V

- Maximum power per module to reduce LCOE.



Reduced BOS

- Cost effective product.



8 mounting holes

- Customizable cables under request.



Efficiency

- Efficiency up to 21,5%.





MEPV Plus Series

DATA SHEETS

| Eurener_MEPV 132_HALF-CUT PLUS_500Wp

| Eurener_MEPV 144_HALF-CUT PLUS_540-550Wp

Monocrystalline Photovoltaic Module »



MEPV 132 HALF-CUT PLUS

STANDARD » 500Wp

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



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*** EUROPEAN QUALITY

WARRANTIES »

15 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

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

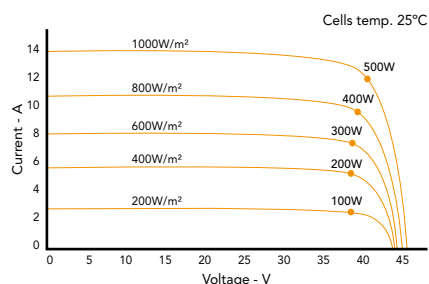
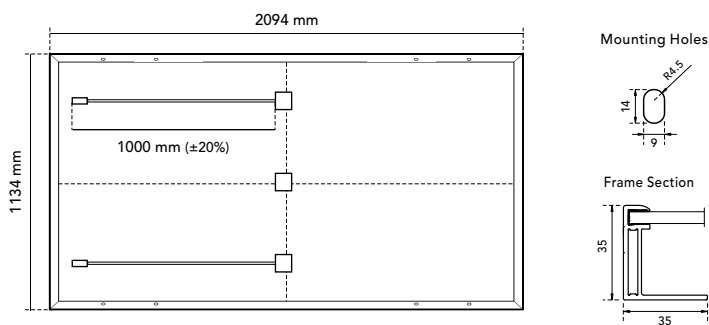
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

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

WEIGHT, DIMENSIONS AND PACKAGING

26,3 Kg | 2094 x 1134 x 35 mm ($\pm 1\%$) | Pack: 704 pcs-truck



ELECTRIC DATA »

STANDARD	MEPV 500
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{mp}	500 Wp
Tolerance. P _{mp}	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 _{mp}	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 $\pm$ 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_HALF-CUT PLUS_500Wp_EN_MAR2022

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Monocrystalline Photovoltaic Module »



MEPV 144 HALF-CUT PLUS

STANDARD » 540 / 550 W_p

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
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*** EUROPEAN QUALITY ***

WARRANTIES »

15 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_540-550Wp_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 (3/6)

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

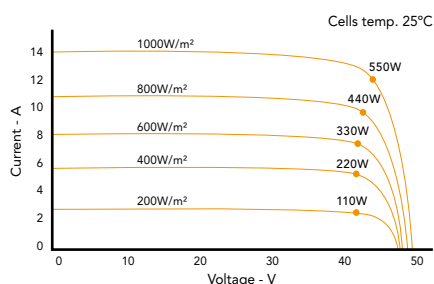
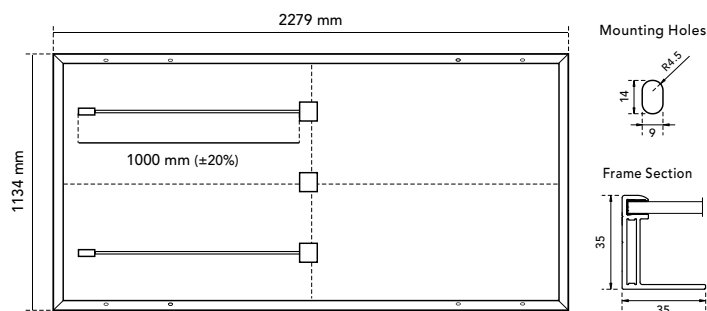
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

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

WEIGHT, DIMENSIONS AND PACKAGING

27,4 Kg | 2279 x 1134 x 35 mm ($\pm 1\%$) | Pack: 620 pcs-truck



ELECTRIC DATA »

STANDARD	MEPV 540	MEPV 550
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{mpp}	540 Wp	550 Wp
Tolerance. P _{mpp}	0 / +5 W	0 / +5 W
Area of the module	2,58 m ²	
Module efficiency	20,90 %	21,30 %
I _{sc}	13,83 A	13,93 A
V _{oc}	49,43 V	49,97 V
I _{mpp}	13,00 A	13,12 A
V _{mpp}	41,54 V	41,95 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{mpp}	407,78 W	415,49 W
I _{sc}	11,13 A	11,22 A
V _{oc}	46,67 V	47,17 V
I _{mpp}	10,40 A	10,50 A
V _{mpp}	39,21 V	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.

Eurener_MEPV 144_HALF-CUT PLUS_540-550Wp_EN_MAR2022

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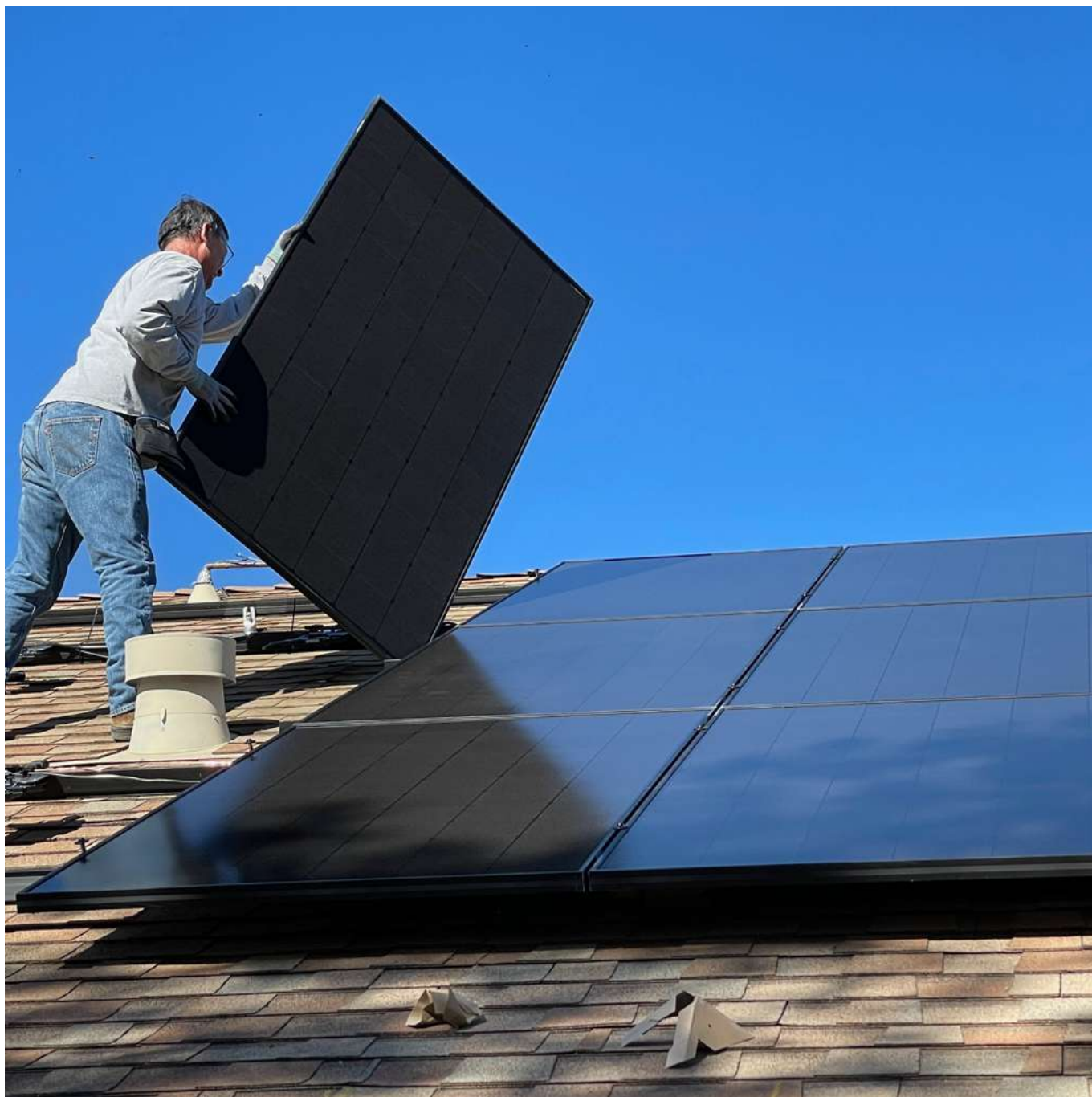
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PRODUCT
CATALOGUE
2022

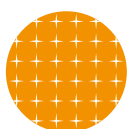


MEPV Ultra Series

✎ *Ecofriendly, powerful & stylish*

MEPV Ultra Series from 375 to 385Wp

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



No busbars

- Free of busbar and interconnections for perfect aesthetics.



Soldering free

- Connections through a conductive foil.



Increased reliability

- Lower degradation and reduced thermal stress on the cell to provide long-term durability.



Higher mechanical strength

- Front loading 5.400 Pa.
- Back loading 2.400 Pa.



Higher efficiency

- Up to 21.3%.



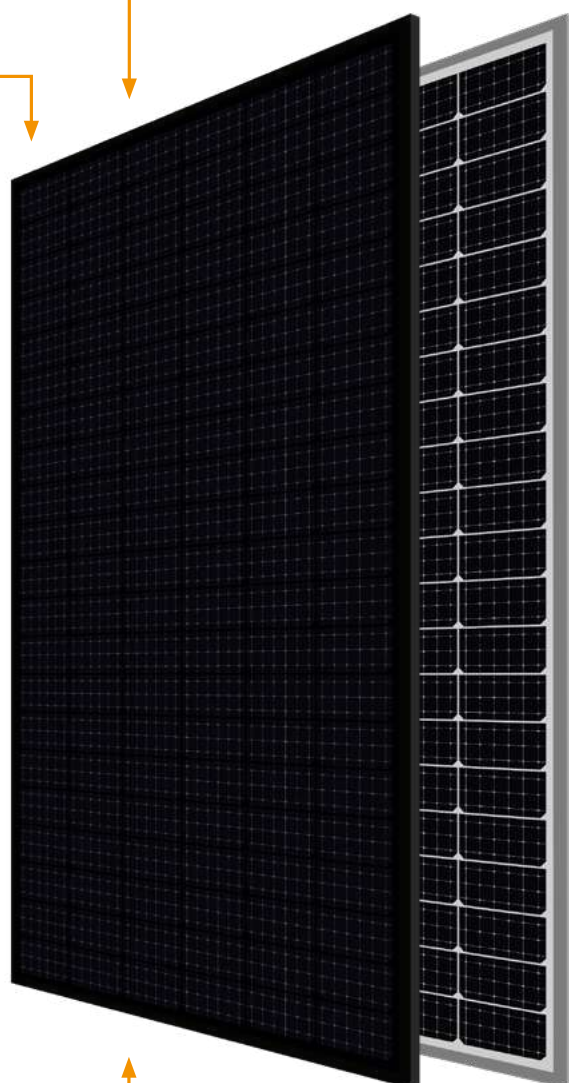
30 years warranty

- Longer performance warranties.



Greener lead-free modules

- The greenest technology in the market.





MEPV Ultra Series

↘ *DATA SHEETS*

| Eurener_MEPV 126_ULTRA_375-385Wp

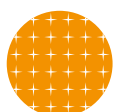
Monocrystalline Photovoltaic Module »



MEPV 126 ULTRA

BLACK - STANDARD »
375 / 380 / **385 Wp**

QUALITY »



Advanced technology
No busbars



Efficiency
Over 20% efficiency



Lead free
Respectful environment



No hot spots
Lower internal current



No soldering
Increasing production



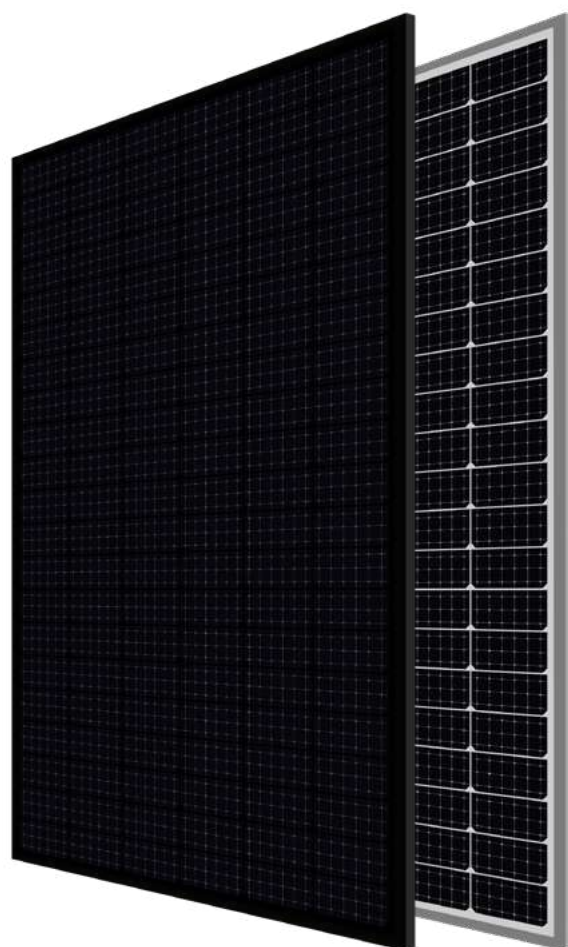
Premium integration
Total black



Fire resistance
Maximum protection



Long durability
Continuous performance



1997 to 2022
25TH
ANNIVERSARY



WARRANTIES »

15 YEARS PRODUCT WARRANTY

30 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 126_ULTRA_375-385Wp_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

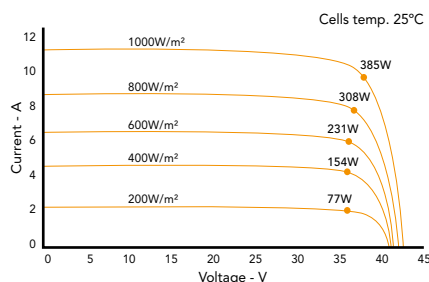
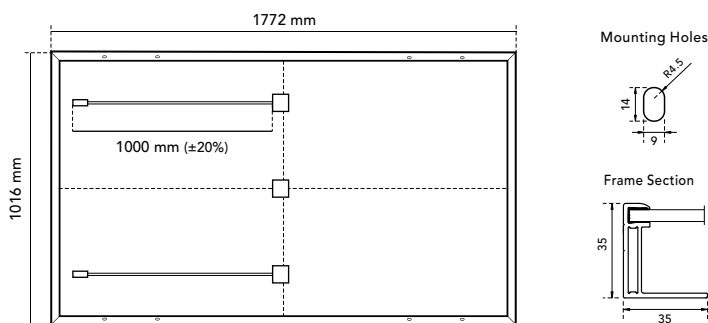
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

126 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

20 Kg | 1772 x 1016 x 35 mm ($\pm 1\%$) | Pack: 858 pcs-truck



ELECTRIC DATA »

BLACK - STANDARD	MEPV 375	MEPV 380	MEPV 385
STC: 1000 W/m ² , module temperature 25°C, AM 1,5			
Nominal power. P _{mp}	375 Wp	380 Wp	385 Wp
Tolerance. P _{mp}	0 / +5 W	0 / +5 W	0 / +5 W
Area of the module	1,80 m ²		
Module efficiency	20,86 %	21,15 %	21,40 %
I _{sc}	11,11 A	11,19 A	11,26 A
V _{oc}	42,80 V	43,00 V	43,20 V
I _{mp}	10,58 A	10,67 A	10,73 A
V _{mp}	35,50 V	35,70 V	35,90 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5			
Nominal power. P _{mp}	282,86 W	286,56 W	290,29 W
I _{sc}	9,04 A	9,10 A	9,14 A
V _{oc}	40,00 V	40,20 V	40,40 V
I _{mp}	8,65 A	8,71 A	8,77 A
V _{mp}	32,70 V	32,90 V	33,10 V
Operating parameters. Temperature coefficients			
Maximum voltage	1500 V		
Maximum series fuse rating. I _r	15 A		
α I _{sc}	0,06 % / °C		
β V _{oc}	- 0,28 % / °C		
γ P _{max}	- 0,36 % / °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 126_ULTRA_375-385Wp_EN_MAR2022

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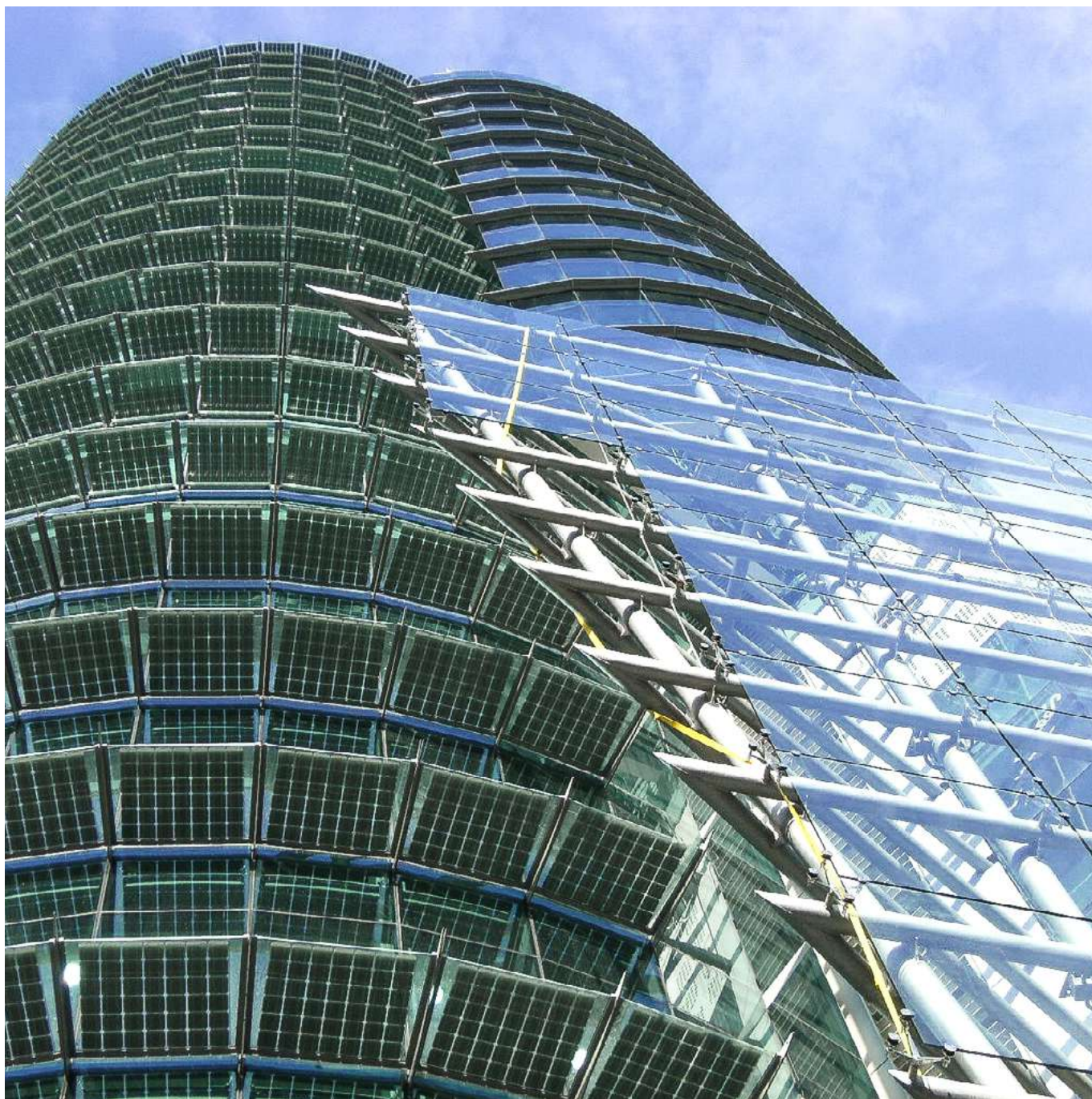
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PRODUCT
CATALOGUE
2022



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 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
Continuous performance



1997 to 2022
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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 (3/6)

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

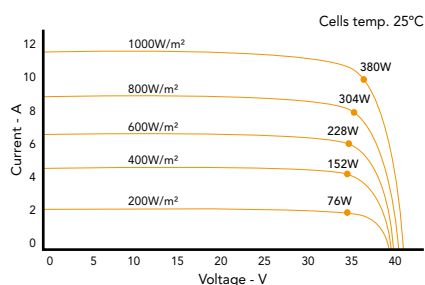
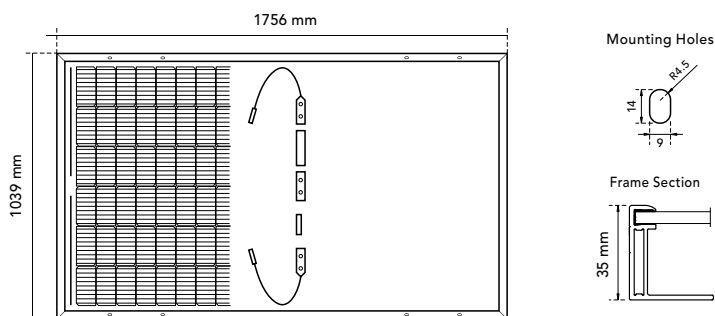
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

120 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

26 Kg | 1756 x 1039 x 35 mm ($\pm 1\%$) | Pack: 910 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 _{mp}	375 Wp	380 Wp
Tolerance. P _{mp}	0 / +5 W	0 / +5 W
Area of the module	1,82 m ²	
Module efficiency	20,56 %	20,84 %
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 _{mp}	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	1.000 - 1.500 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_MAR2022

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Monocrystalline Photovoltaic Module »



MEPV 120 DOUBLE GLASS

FRAMELESS » 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
Continuous performance



1997 to 2022
25TH
ANNIVERSARY



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 (3/6)

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

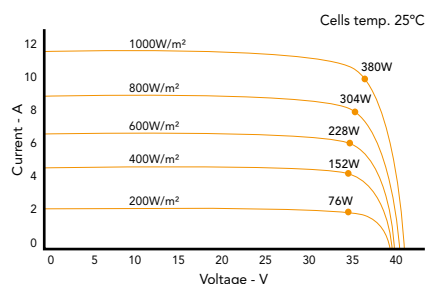
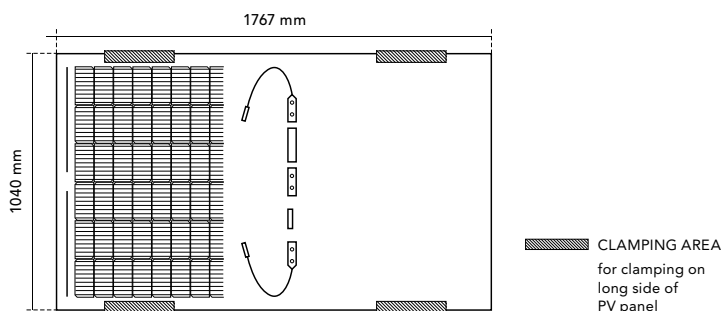
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

120 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

26 Kg | 1767 x 1040 x 6 mm ($\pm 1\%$) | Pack: 910 pcs-truck



ELECTRIC DATA »

FRAMELESS	MEPV 375	MEPV 380
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{mp}	375 W _p	380 W _p
Tolerance. P _{mp}	0 / +5 W	0 / +5 W
Area of the module	1,80 m ²	
Module efficiency	20,72 %	21,01 %
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 _{mp}	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	1.000 - 1.500 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_MAR2022

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PRODUCT
CATALOGUE
2022



MEPV Bifacial Series

✎ *For those who define limits*

MEPV Bifacial Series from 540 to 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_540-550Wp

Monocrystalline Photovoltaic Module »



MEPV 144 BIFACIAL

STANDARD » 540 / 550W_p

QUALITY »



144 cells

Half-Cut monocrystalline



Bifacial PERC

Generates solar energy from both sides



Load endurance

Front load / Back load



Translucent

Light can pass through it



+5W

Positive power tolerance



+20%

Efficiency
Over 20% efficiency



1997 to 2022
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WARRANTIES »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 144_BIFACIAL_540-550W_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 (3/6)

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

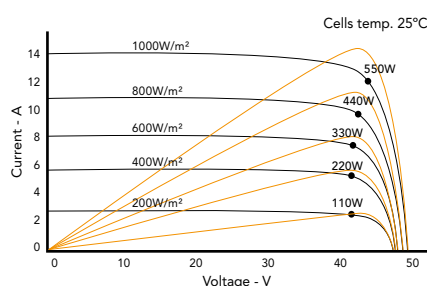
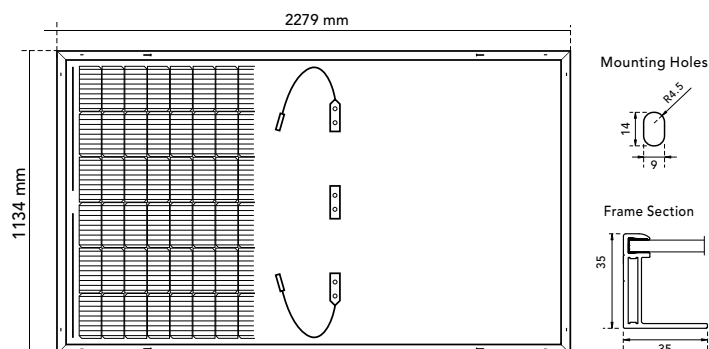
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

144 cells monocrystalline bi-facial

WEIGHT AND DIMENSIONS

32,9 Kg | 2279 x 1134 x 35 mm ($\pm 1\%$)



ELECTRIC DATA »

STANDARD		MEPV 540		MEPV 550	
Nominal power. Pmpp		540 W		550 W	
Tolerance. Pmpp		0 / +5 W		0 / +5 W	
Area of the module		2,58 m²			
Module efficiency		20,89 %		21,28 %	
Isc		14,06 A		14,30 A	
Voc		49,24 V		49,32 V	
Imp		13,05 A		13,27 A	
Vmpp		41,38 V		41,45 V	
Double side power output (Max. Power) - 10%		594 W		605 W	
Double side power output (Max. Power) - 15%		621 W		632,50 W	
Double side power output (Max. Power) - 20%		648 W		660 W	
Double side power output (Max. Power) - 30%		702 W		715 W	
NOCT		42 ± 2 °C			
Maximum voltage: 1.500 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 +/-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_540-550W_EN_MAR2022

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PRODUCT
CATALOGUE
2022



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

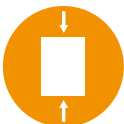
Polycrystalline

- 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 W_p

QUALITY »



60 cells
Monocrystalline



+5W
Positive power tolerance



Long durability
Continuous performance



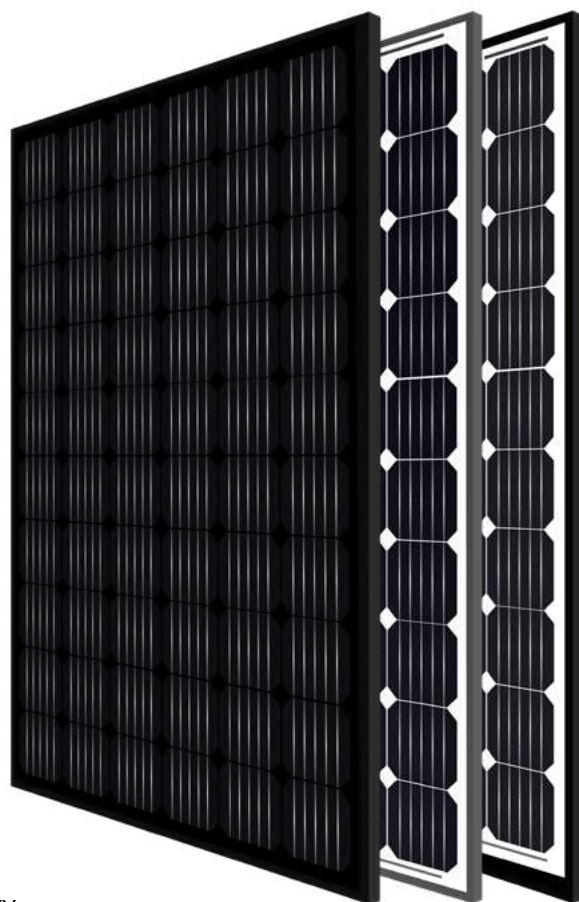
Proven technology
More reliable



Fire resistance
Maximum protection



Optimal performance
Power and efficiency



1997 to 2022
25TH
ANNIVERSARY

*** EUROPEAN QUALITY ***

WARRANTIES »

15 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

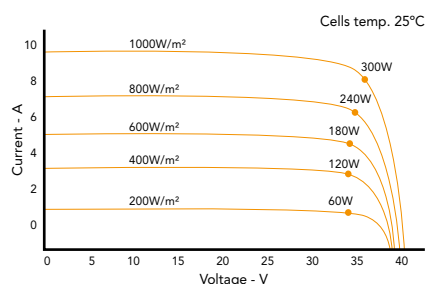
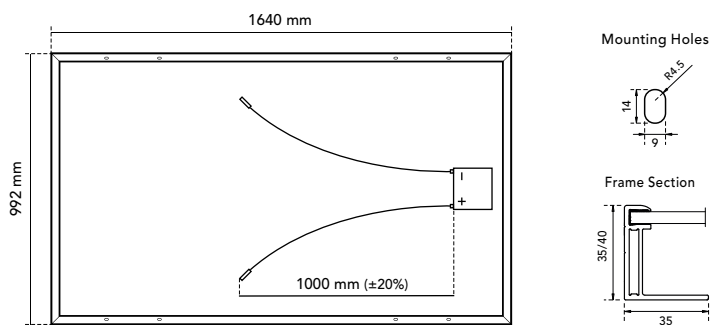
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

60 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

18,5 Kg | 1640 x 992 x 35/40 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 _{mpp}	300 Wp
Tolerance. P _{mpp}	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 _{mpp}	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 $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

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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



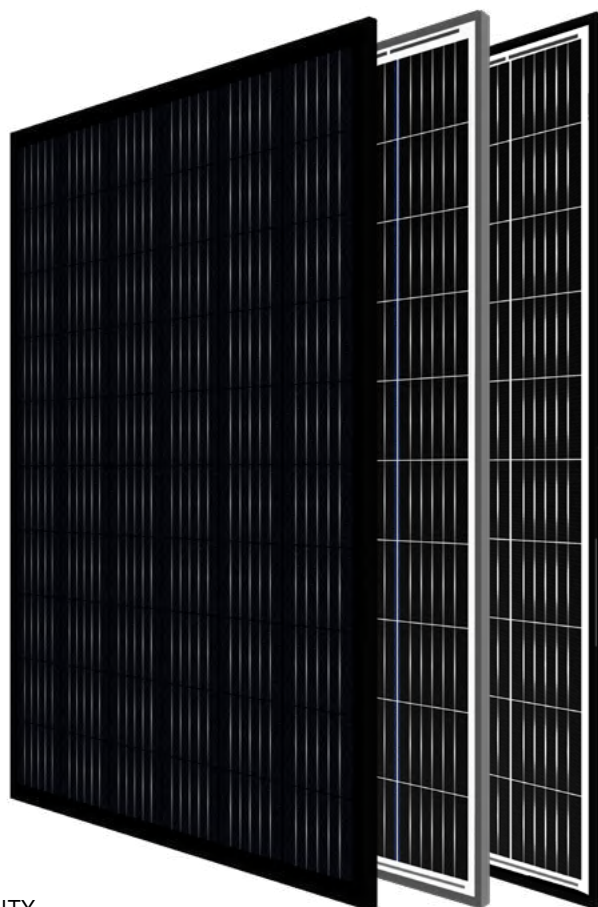
Proven technology
More reliable



Fire resistance
Maximum protection



Optimal performance
Power and efficiency



1997 to 2022
25TH
ANNIVERSARY

*** EUROPEAN QUALITY ***

WARRANTIES »

15 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

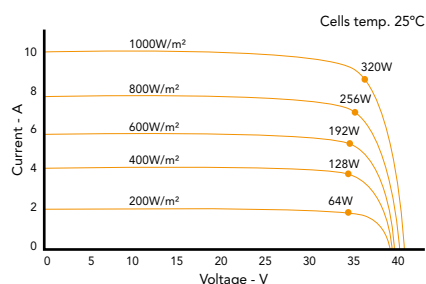
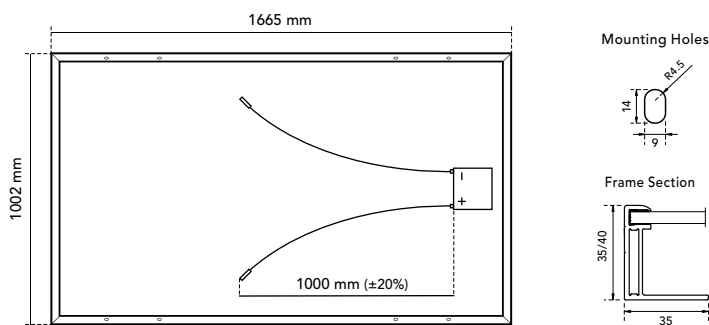
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

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 _{mp}	300 Wp	310 Wp	315 Wp	320 Wp
Tolerance. P _{mp}	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 _{mp}	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 CLASS I
UNI 9177
Fire resistance
Maximum protection



Proven technology
More reliable

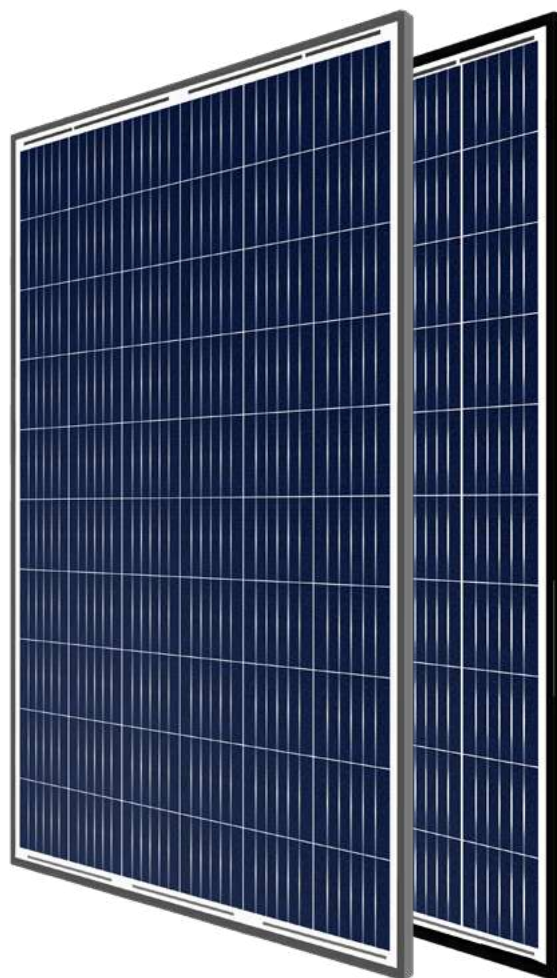


Optimal performance
Power and efficiency



1997 to 2022
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*** EUROPEAN QUALITY ***



WARRANTIES »

15 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

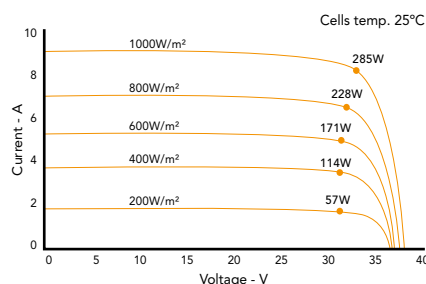
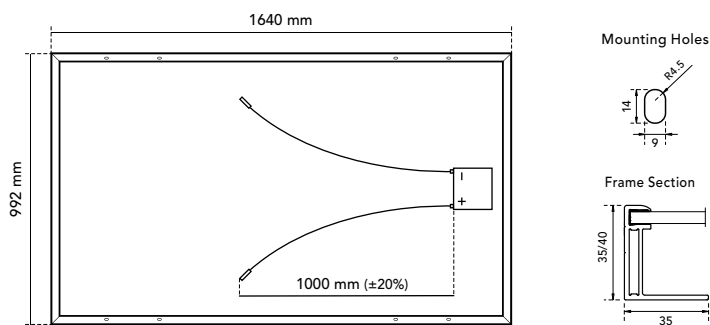
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

60 cells polycrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

18,50 Kg | 1640 x 992 x 35/40 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 _{mp}	280 Wp	285 Wp
Tolerance. P _{mp}	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 _{mp}	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_MAR2022

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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

*** EUROPEAN QUALITY ***



WARRANTIES »

15 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

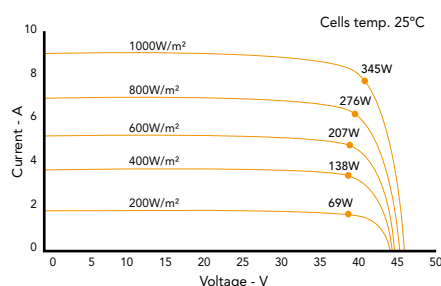
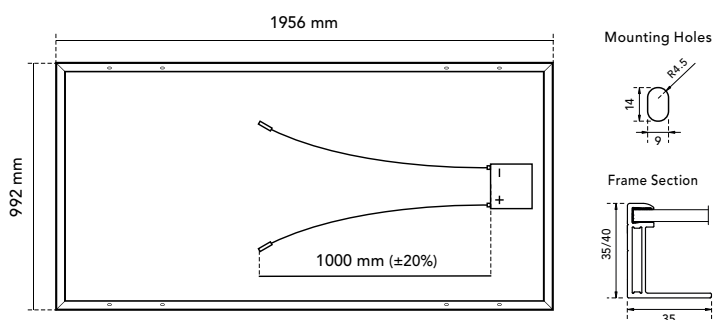
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

72 cells polycrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

22,50 Kg | 1956 x 992 x 35/40 mm ($\pm 1\%$) | Pack: 724/624 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 _{mpp}	340 Wp	345 Wp
Tolerance. P _{mpp}	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 _{mpp}	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_MAR2022

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25TH
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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



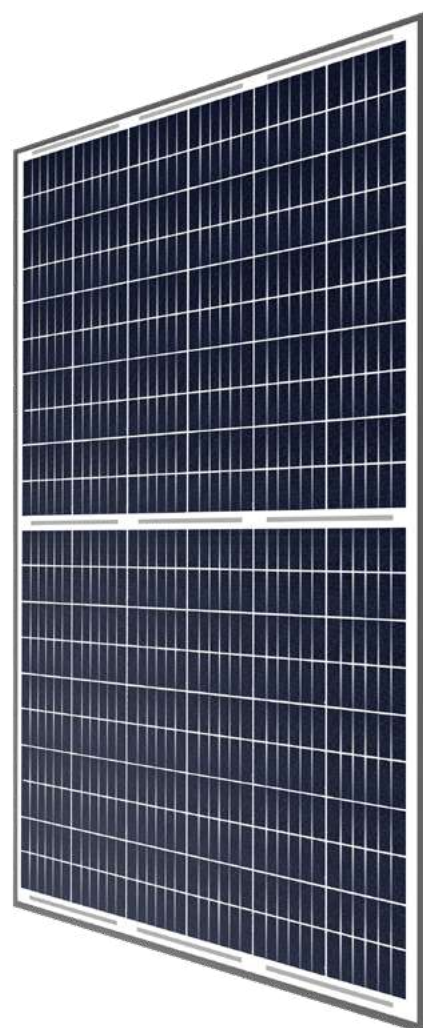
Fire resistance
Maximum protection



Proven technology
More reliable



Optimal performance
Power and efficiency



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*** EUROPEAN QUALITY ***

WARRANTIES »

15 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 (3/6)

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

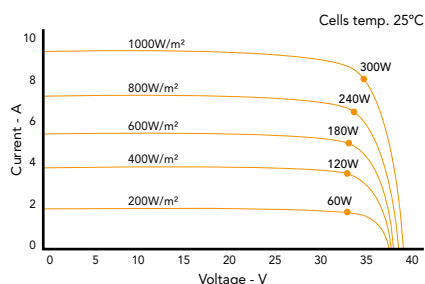
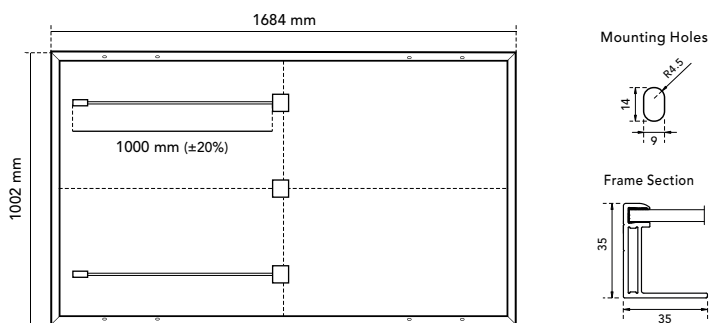
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

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 _{mp}	300 Wp
Tolerance. P _{mp}	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 _{mp}	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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PRODUCT
CATALOGUE
2022



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