Installation manual

European Experts in Residential Modules »

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Contents

1. Introduction

Thank you for placing your trust in EURENER and in the quality of our photovoltaic modules. Our commitment is to provide efficient, safe and durable solutions for solar energy generation, designed in accordance with international quality and safety standards.

This Installation Manual contains the technical instructions required for the proper handling, storage, transport, installation, connection and maintenance of EURENER photovoltaic modules. It must be read in full before any work is carried out, in order to ensure personal safety, preserve product integrity and achieve optimum photovoltaic system performance.

For the purposes of this Manual, the term "module" or "modules" refers to any photovoltaic module manufactured and marketed by EURENER that is to be stored, transported, installed, handled or maintained.

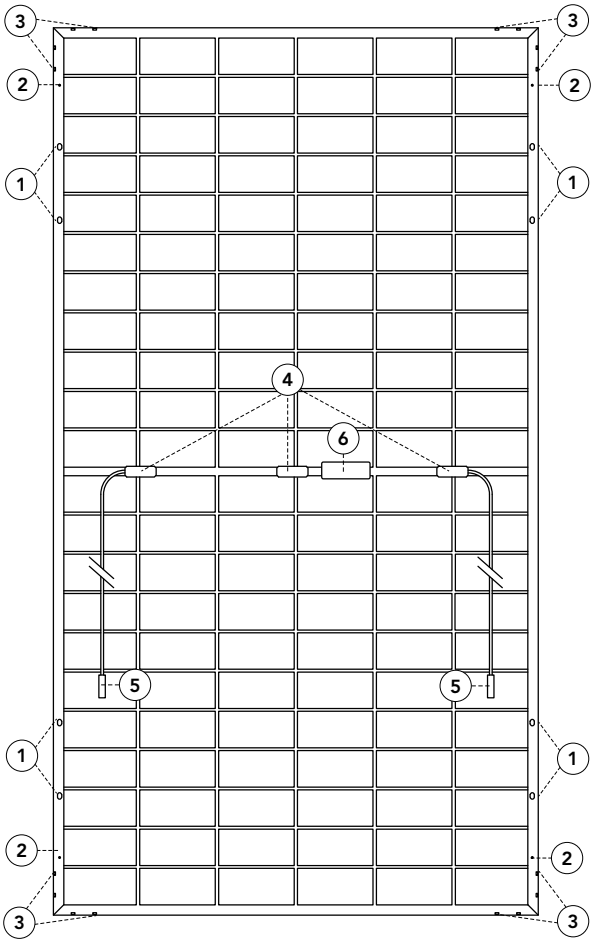
As standard, EURENER modules consist of the structural and electrical components shown in Figure 1.

Installation must be carried out by qualified personnel in accordance with the electrical, structural and safety regulations applicable at the installation site. The photovoltaic system design, including structural and electrical sizing, must also comply with the applicable technical regulations and the specific site conditions.

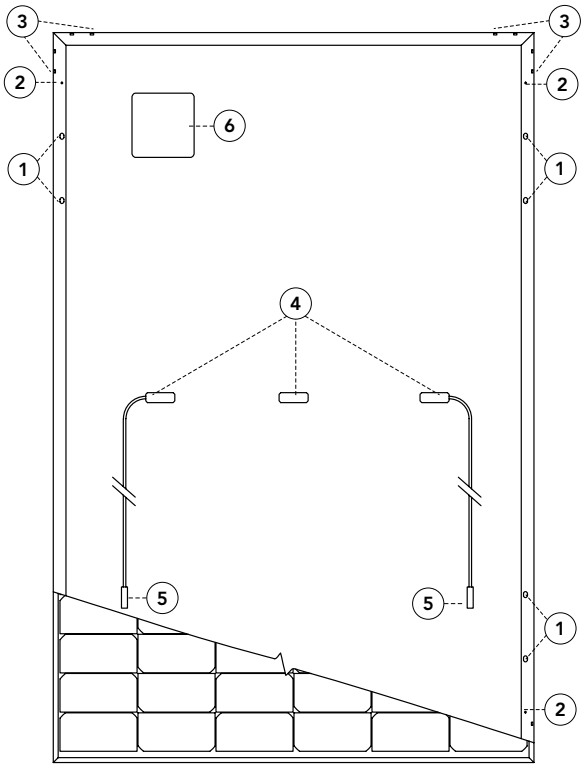
This Manual forms an integral part of the technical documentation applicable to the product and must be read together with the relevant product datasheet, the General Conditions of Sale and the Warranty Conditions in force at the time of supply. Compliance with these instructions is a necessary technical condition to ensure the safety, performance and durability of the product.

In the event of any technical doubt, EURENER must be consulted before proceeding with the installation.

| Figure 1



1. Mounting holes
2. Grounding holes
3.Drainage holes
4. Junction boxes
5. Cables and connectors
6. Data label



2. Scope

This Installation Manual applies to EURENER photovoltaic modules supplied by EURENER.

The instructions set out in this document define the general technical requirements for the proper installation of the modules in standard photovoltaic systems on fixed structures or mounting systems compatible with the module specifications.

Any special applications must be assessed in advance in order to verify their technical compatibility with the product.

3. Safety precautions

Before handling or installing EURENER modules, this Manual must be read and understood in full in order to prevent personal injury, property damage and operational issues.

3.1. General measures

- The mechanical and electrical installation of the photovoltaic system must be carried out in accordance with the applicable technical and safety regulations.
- Modules may only be installed by qualified personnel.
- Appropriate personal protective equipment (PPE) must be used during installation, including safety helmets, insulating gloves, safety footwear and fall-protection systems.
- Only insulated tools must be used during installation.
- Modules showing visible damage, such as broken glass, damaged connectors or deformed frames, must not be installed.
- Modules must not be modified or disassembled. Failure to comply with this instruction may result in the Warranty Conditions becoming inapplicable.
- Module identification labels must not be altered, removed or made illegible. Failure to comply with this instruction may result in the Warranty Conditions becoming inapplicable.
- The glass surface must not be scratched with tools or sharp objects.
- Artificially concentrated light must not be directed onto the module.
- The drainage holes in the frame must not be obstructed.
- All modules installed within the same photovoltaic system must be of the same type.
- The applicable building fire safety regulations must be reviewed before installation is carried out.
- The installation must include all safety components required under the applicable regulations, such as fuses, residual current devices, circuit breakers and grounding connections.

3.2. Electrical safety

Photovoltaic modules generate electrical voltage and may therefore present a risk of electric shock during handling and installation.

- No conductive objects may be inserted into the connectors.
- Modules, cables and connectors must not be handled with wet hands or without suitable insulating gloves.
- Modules with wet, dirty or damaged cables or connectors must not be connected.
- Polarity must not be reversed when connecting the modules.
- Connectors must not be disconnected under load.
- Personal metal items such as necklaces, bracelets and rings should not be worn during installation.
- Connectors must be positioned so that they are not exposed to direct water runoff and are not located next to the frame drainage holes.
- During handling and installation, appropriate measures must be taken to prevent accidental electrical contact. Where necessary, the modules should be covered with opaque material in order to reduce current generation during the works.
- When connecting the module to the photovoltaic system, the instructions provided by the manufacturers of the other system components, such as inverters, controllers, storage systems and other associated equipment, must be strictly followed.

3.3. Module labeling

Each module is provided with a data label indicating, among other information, the model, rated power, main electrical values (Voc, Isc and Pmax), the maximum system voltage and the applicable certifications.

The information contained on the data label forms part of the product's technical specifications and must be taken into account during system design and installation.

For individual module identification, three serial number labels are provided and placed on the front side, the rear side and the frame.

None of the module labels may be altered, removed or

made illegible. Failure to comply with this instruction may result in the Warranty Conditions becoming inapplicable.

It is recommended that a record of the serial numbers of the installed modules be kept for traceability and technical verification purposes

3.4. Storage

- Storage temperature: -20°C to 50°C.
- Modules must be stored in a clean, dry and properly ventilated area.
- Modules must be kept in their original packaging and stored upright on a stable and level surface.
- No more than two pallets may be stacked, unless otherwise expressly indicated on the original packaging.
- Loose modules must not be stacked horizontally on top of one another.
- Upon receipt of the goods, the condition of the packaging and the absence of visible damage must be checked.

Any incident must be reported in accordance with the applicable General Conditions of Sale.

3.5. Transport and handling

The following precautions must be observed during the transport and handling of the modules:

- Modules must be transported in their original packaging until installation.
- Modules must not be subjected to impact, excessive vibration or point loads.
- Modules must be handled with both hands and without applying pressure to the glass.
- Cables and connectors must not be used for lifting or securing the modules.
- Modules must not be stepped on or used to support the weight of persons or objects.
- Suitable gloves must be worn during handling in order to prevent mechanical damage and surface contamination.
- Modules must not be dropped or tilted abruptly during transport.

4. Installation conditions

4.1. Environmental conditions

The module must be installed taking into account the following environmental conditions:

- Ambient temperature: -40°C to 50°C.
- Module operating temperature range: -40°C to 85°C.
- Maximum recommended relative humidity: ≤ 85%.
- The maximum permissible load on the module must not exceed 5400 Pa under the applicable test conditions. The structural design of the system must comply with the applicable regulations and may vary depending on the mounting system used.
- Modules must not be installed in environments where highly flammable gases or vapors are present.
- A minimum distance of 500 metres from the coastline is recommended in order to minimise the effects of corrosion caused by salt mist.
- In environments with sulphurous compounds, volcanic activity or chemically aggressive atmospheres, the suitability of the site and the compatibility of the module must be assessed in advance.

4.2. Location

The correct selection of the installation site is essential to ensure the performance and safety of the photovoltaic system. The following aspects must be taken into account:

- The installation site must be selected so as to maximise solar exposure throughout the year.
- Partial or total shading of the modules by nearby objects such as trees, antennas, chimneys, railings, poles or buildings must be avoided.
- The layout of the modules must be planned to ensure safe and adequate access for inspection, cleaning and maintenance.
- A minimum distance of 2.5 m must be maintained between the modules and any smoke outlets, heating systems or gas exhaust outlets.
- The modules are designed for installation at altitudes of up to 2,000 metres above sea level. Installations at higher altitudes require prior technical assessment and the manufacturer's express approval.

4.3. Orientation and tilt angle

The correct orientation and tilt of the modules are essential to optimise system performance. The following criteria must therefore be taken into account:

- All modules within the same string must be installed with the same orientation and tilt angle.
- Module performance improves when solar radiation strikes the surface as close as possible to perpendicular.
- A minimum tilt angle of 15° is recommended in order to facilitate natural cleaning of the module by rainwater runoff.

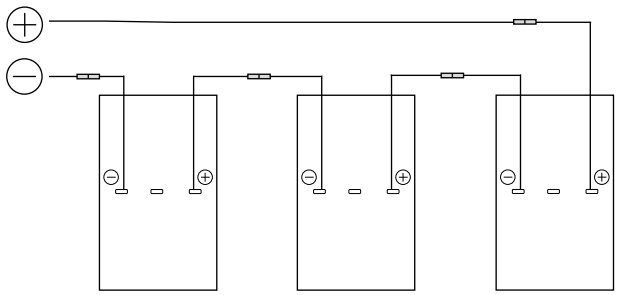
5. Electrical installation

- Electrical installation must be carried out by qualified personnel in accordance with the applicable electrical and safety regulations.
- Only modules of the same model and with the same electrical characteristics may be used within the same string or installation.
- All connections must be made ensuring proper connector engagement and secure locking.
- If the measured open-circuit voltage (Voc) or short-circuit current (Isc) values differ significantly from the specified values, there may be a wiring fault.
- In order to minimise the risk of direct lightning effects, cable loops must be avoided.
- Cables and connectors must not be subjected to external stress and must be used exclusively for electrical connection purposes.
- Cables must not be forced or excessively bent.
- Unnecessary and prolonged exposure of cables and connectors to direct sunlight must be avoided.
- Only cable extensions and connectors specifically designed and certified for outdoor use may be used
- An appropriate cable cross-section must be selected in order to minimise voltage drop and comply with the applicable regulations.
- When sizing cables, fuses and the system voltage and current limits, the safety factors required by the applicable regulations must be applied. For calculation purposes, Voc and Isc values must be multiplied by a minimum factor of 1.25, unless otherwise required by the applicable regulations.
- Each module connector has a specific polarity, which is indicated on the housing of the corresponding external junction box.
- Modules may be connected in series, in parallel or in combined configurations, provided that the maximum system voltage and current values indicated in the module datasheet are not exceeded.
- The input parameters of the inverter and the other system components must be taken into account. The technical specifications of such equipment must be consulted before the electrical design of the installation is carried out.
- Only connectors that are both electrically and mechanically compatible may be connected to one another.

5.1. Series Connection

- When several modules are connected in series, as shown in Figure 2, the total string voltage will be equal to the sum of the individual module voltages. It must be verified that the maximum system voltage indicated on the datasheet and on the module label is not exceeded under any operating conditions.
- In a series connection, the same current flows through all modules.

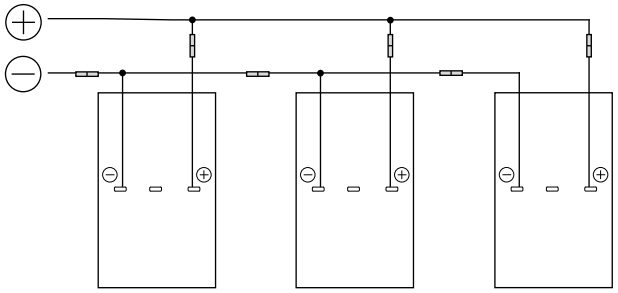
| Figure 2



5.2. Parallel Connection

- When several modules are connected in parallel, as shown in Figure 3, the total circuit current will be equal to the sum of the individual module currents. It must be verified that the maximum permissible current values indicated in the module datasheet and under the applicable regulations are not exceeded.
- In a parallel connection, the voltage is the same across all connected modules.

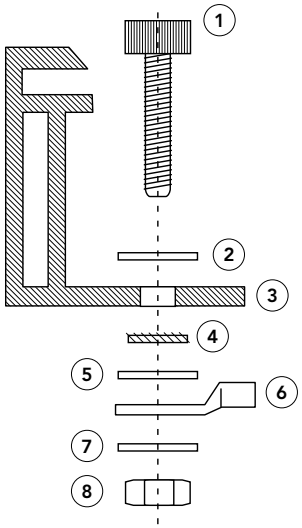
| Figure 3



5.3. Grounding

- For safety reasons and to protect against electric shock and overvoltage, the module frames must be grounded in accordance with the applicable regulations in order to prevent damage caused by static electricity and lightning.
- The modules are provided with dedicated grounding holes, 4 mm in diameter, located on the rear side of the frame and identified with the corresponding symbol.
- No additional holes may be drilled and the module frame must not be modified. Failure to comply with this instruction may result in the Warranty Conditions becoming inapplicable.
- All components used for grounding must be suitable for outdoor use and resistant to corrosion.
- A toothed washer must be used to ensure penetration of the anodised aluminium layer and electrical continuity between the frame and the grounding conductor.
- Figure 4 shows an illustrative example of the frame grounding connection.

| Figure 4



1. M4 Screw
2. Flat washer
3. Frame
4. Serrated washer
5. Flat washer
6. Grounding cable
7. Flat washer
8. Nut

6. Mechanical installation

- EURENER does not supply the system mounting structure.
- The design and sizing of the mounting system must be carried out and approved by a qualified professional in accordance with the applicable structural and safety regulations.
- Before installation, the modules must be checked to ensure that they are clean and free from visible damage.
- All fastening elements used, including bolts, washers and nuts, must be made of stainless steel or other equivalent corrosion-resistant materials.
- Modules must be installed by at least two people.
- Any impact on the module during installation must be avoided.
- No additional holes may be drilled in the module frame and the frame must not be modified. Failure to comply with this instruction may result in the Warranty Conditions becoming inapplicable.
- Modules may be installed in either horizontal or vertical orientation, in accordance with the instructions provided by the mounting structure manufacturer.
- In areas subject to high snow loads greater than 2400 Pa, structural reinforcement measures, such as additional support rails or bars, should be considered in accordance with the structural calculations of the system, particularly for the lower rows of modules where load accumulation may be more critical.
- Where additional support bars are required, a suitable corrosion-resistant structural material must be used. The recommended minimum thickness is 40 mm.
- A minimum gap of 10 ± 2 mm must be maintained between modules to allow for thermal expansion.
- Adequate clearance must be maintained between the module and the installation surface to ensure proper rear ventilation.

6.1. Screw mounting

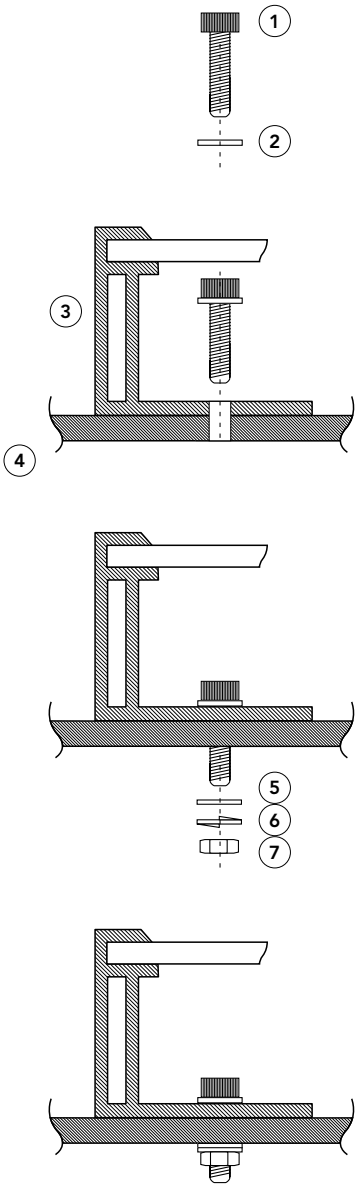
- Modules must be fixed to the support structure exclusively through the mounting holes provided on the rear side of the frame.
- Each module must be installed using at least four fixing points located on opposite sides.
- In areas exposed to high wind or snow loads, the additional mounting holes provided in the frame must be used. The designer and installer shall be responsible for assessing the expected site loads and verifying that the support structure meets the applicable structural requirements.

- For further guidance, the applicable local structural regulations or a qualified structural engineer should be consulted.
- Stainless steel M8 bolts, or equivalent fasteners specified by the mounting system manufacturer, must be used to secure the frame to the structure.
- The bolts must be tightened using a torque wrench.
- The recommended tightening torque is 15–20 Nm, unless otherwise specified by the fastener manufacturer or the mounting system manufacturer.
- Bolts must be tightened correctly. Insufficient torque may result in loss of fastening, while excessive torque may damage the frame, glass or backsheet.

Figure 5 shows an illustrative example of the screw mounting procedure.

Annex 1 includes information on the maximum permissible loads for EURENER modules installed using screw mounting.

| Figure 5



1. M8 screw
2. Flat washer
3. Aluminium frame
4. Mounting structure
5. Flat washer
6. Spring washer
7. Nut

6.2. Clamp mounting

- Each module must be installed using at least four fixing points located on opposite sides.
- In areas exposed to high wind or snow loads, additional fixing points must be used. The designer and installer shall be responsible for assessing the expected site loads and verifying that the support structure meets the applicable structural requirements.
- For further guidance, the applicable local structural regulations or a qualified structural engineer should be consulted.
- Clamps must have a minimum length of 50 mm.
- Clamps must not come into contact with the front glass or exert pressure on it. They must also be positioned so that they do not cast shadows on the active surface of the module.
- Tightening torque must be applied in accordance with the specifications provided by the clamp manufacturer or the mounting system manufacturer.
- Clamps must be tightened correctly. Insufficient tightening may result in loss of fastening, while excessive tightening may cause damage to the frame, glass or backsheet.

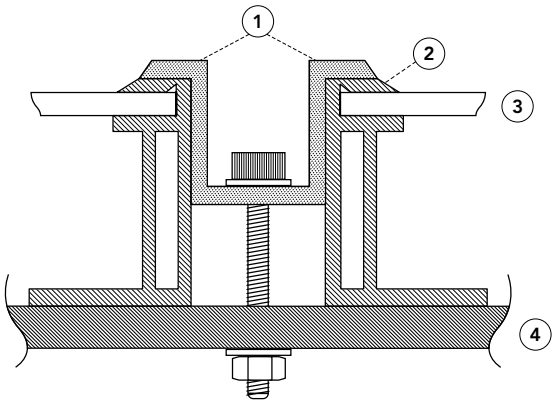
Figure 6 shows an illustrative example of intermediate clamp mounting between modules.

Figure 7 shows an illustrative example of end clamp mounting.

Annex 2 includes information on the maximum permissible loads and the recommended clamp positions for mounting on the short side of the module.

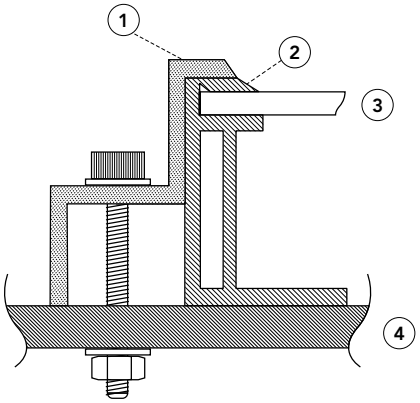
Annex 3 includes information on the maximum permissible loads and the recommended clamp positions for mounting on the long side of the module.

| Figure 6



1. Clamp
2. Aluminium frame
3. Glass
4. Mounting structure

| **Figure 7**



1. Clamp
2. Aluminium frame
3. Glass
4. Mounting structure

7. Cleaning and maintenance

Improper maintenance or the use of unsuitable cleaning methods may affect the performance and integrity of the module and may result in the Warranty Conditions becoming inapplicable.

7.1. Cleaning

The accumulation of dirt on the module surface may reduce its performance and promote the appearance of localised thermal defects, such as hot spots.

The following recommendations should be taken into account:

- Periodic cleaning is recommended, with a frequency adapted to the environmental conditions of the installation site.
- Cleaning should preferably be carried out under low irradiance and moderate temperature conditions.
- For cleaning the front glass, the use of low-mineral-content water and neutral cleaning products is recommended.
- Abrasive materials or metal tools that may damage the glass coating must not be used.
- Dry cleaning must not be carried out, as it may damage the module surface.
- An adequate module tilt helps natural self-cleaning through rainwater runoff.
- Cleaning operations must be carried out in compliance with the applicable electrical safety regulations.

7.2. Inspection and preventive maintenance

During maintenance operations, the following checks must be carried out:

- Check that there is no broken glass or visible damage to the modules.
- Check for signs of corrosion in the metallisation.
- Confirm that there are no elements casting shadows on the modules.
- Check that the fastening elements remain properly tightened.
- Verify the integrity of cables, connectors and junction boxes.
- Check the overall condition of the electrical connections.

8. End of life and recycling

At the end of their useful life, photovoltaic modules must be disposed of in accordance with the applicable regulations on electrical and electronic waste.

The modules must not be disposed of with household or unsorted waste.

It is recommended that you contact the relevant local authorities or authorised waste management operators to ensure the materials are properly recovered and recycled.

Photovoltaic modules contain recyclable materials, the proper management of which contributes to environmental sustainability and the circular economy.

9. Limitation of liability

EURENER shall not be liable for any damage, defects or losses resulting from the handling, transport, storage, installation or use of the module in a manner contrary to the instructions contained in this Manual or to the applicable regulations, where there is a causal link between such non-compliance and the damage caused.

Likewise, EURENER shall not be liable for any consequences arising from the integration of the module into configurations, structures or systems that are not compatible with its technical specifications.

In all cases, EURENER's liability shall be governed by the applicable General Conditions of Sale and Warranty Conditions for the product.

10. Version control and technical updates

This Manual forms part of the technical documentation relating to EURENER photovoltaic modules.

Its content must be read together with the product datasheet, the General Conditions of Sale and the Warranty Conditions in force on the date of supply.

In the event of any discrepancy between this Manual and other technical documents, the most recent version published by EURENER shall prevail.

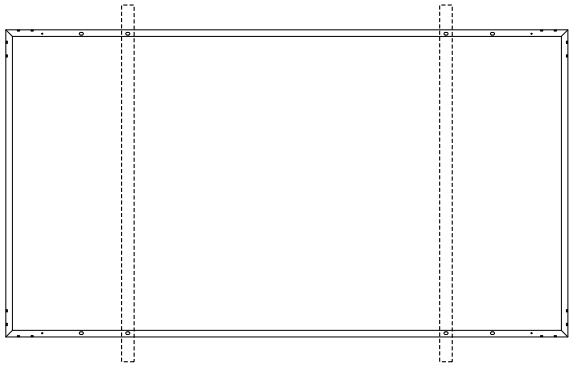
EURENER reserves the right to update the content of this Manual without prior notice in response to technical improvements, regulatory changes or product development.

The installer and the system owner must ensure that the version of the Manual in force at the time of installation is being used.

11. Annexes

Annex 1: Screw mounting

| Figure 8

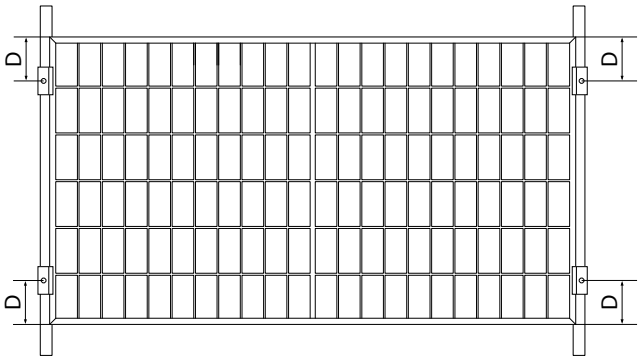


Model	Length (mm)	Width (mm)	Frame (mm)	Test loads (Pa)
MEPV_Nexa_420-450W	1722	1134	30	+5400/-2400
MEPV_Nexa DG Bif_420-450W	1722	1134	30	+5400/-2400
MEPV_Nexa Storm DG Bif_420-450W*	1722	1134	30	+15100/-3880
MEPV_Nexa DG Bif_460-475W	1762	1134	30	+5400/-2400
MEPV_Nexa Storm DG Bif_460-475W*	1762	1134	30	+15100/-3880
MEPV_Nexa_480-500W	1909	1134	30	+5400/-2400
MEPV_Nexa DG Bif_480-500W	1909	1134	30	+5400/-2400
MEPV_Nexa Storm DG Bif_480-500W*	1909	1134	30	+15100/-3880
MEPV_Nexa DG Bif_500-515W	1961	1134	30	+5400/-2400
MEPV_Nexa Plus_570-580W	2278	1134	30/35	+5400/-2400
MEPV Nexa Plus DG Bif 580-600W	2278	1134	30	+5400/-2400
MEPV_Nexa Plus DG Bif_695-720W	2384	1303	35	+5400/-2400
MEPV_Ultra_400W	1727	1039	30	+5400/-2400
MEPV_Ultra_440W	1895	1039	30	+5400/-2400
MEPV_Ultra DG Bif_440-450W	1895	1039	30	+5400/-2400
MEPV_Ultra DG Bif_470-485W	1800	1134	30	+5400/-2400
MEPV_Terracotta_360-375W	1722	1134	30	+5400/-2400
MEPV_Terracotta DG Bif_400W	1762	1134	30	+5400/-2400
MEPV_Anthracite DG Bif_400W	1762	1134	30	+5400/-2400
MEPV_Emerald DG Bif_420W	1762	1134	30	+5400/-2400
MEPV_Sapphire DG Bif_420W	1762	1134	30	+5400/-2400
MEPV_Quartz DG Bif_125W	1762	1134	30	+5400/-2400
MEPV_Icon_340W	1684	1002	35	+5400/-2400
MEPV_Icon_375-380W	1755	1038	35	+5400/-2400
MEPV_Icon_400-420W	1724	1134	30	+5400/-2400
MEPV_Icon Plus_450-460W	2094	1038	35	+5400/-2400
MEPV_Icon Plus_500W	2094	1134	30/35	+5400/-2400
MEPV_Icon Plus_550W	2279	1134	35	+5400/-2400
MEPV_Icon Plus DG Bif_550W	2279	1134	35	+5400/-2400
MEPV_Agro DG Bif_260-275W	1716	1128	-	+5400/-2400
MEPV_Agro DG Bif_325-335W	2094	1134	-	+5400/-2400
MEPV_Agro DG Bif_345-365W	2272	1128	-	+5400/-2400

* Laboratory tested according to standard IEC 61215-2:2021 (MQT 16)

Annex 2: Clamp mounting - Short side

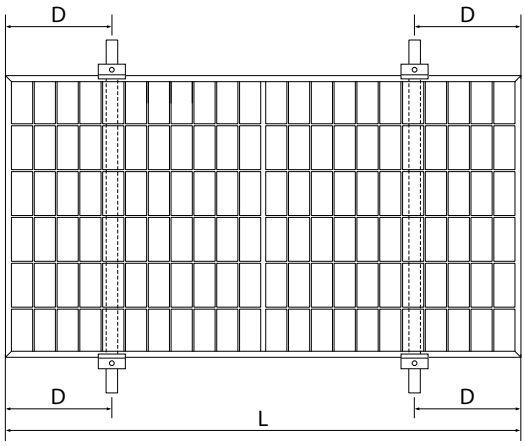
| Figure 9



Model	Length (mm)	Width (mm)	Frame (mm)	D (mm)	Test loads (Pa)
MEPV_Nexa_420-450W	1722	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Nexa DG Bif_420-450W	1722	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Nexa Storm DG Bif_420-450W	1722	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Nexa DG Bif_460-475W	1762	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Nexa Storm DG Bif_460-475W	1762	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Nexa_480-500W	1909	1134	30	0 - 200	+1200/-1200
				200 - 250	+1400/-1400
MEPV_Nexa DG Bif_480-500W	1909	1134	30	0 - 200	+1200/-1200
				200 - 250	+1400/-1400
MEPV_Nexa Storm DG Bif_480-500W	1909	1134	30	0 - 200	+1200/-1200
				200 - 250	+1400/-1400
MEPV_Nexa DG Bif_500-515W	1961	1134	30	0 - 200	+1200/-1200
				200 - 250	+1400/-1400
MEPV_Nexa Plus_570-580W	2278	1134	30/35	-	-
MEPV Nexa Plus DG Bif 580-600W	2278	1134	30	-	-
MEPV_Nexa Plus DG Bif_695-720W	2384	1303	35	-	-
MEPV_Ultra_400W	1727	1039	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Ultra_440W	1895	1039	30	0 - 200	+2200/-2200
				200 - 250	+2200/-2200
MEPV_Ultra DG Bif_440-450W	1895	1039	30	0 - 200	+2200/-2200
				200 - 250	+2200/-2200
MEPV_Ultra DG Bif_470-485W	1800	1134	30	0 - 200	+2200/-2200
				200 - 250	+2200/-2200
MEPV_Terracotta_360-375W	1722	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Terracotta DG Bif_400W	1762	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Anthracite DG Bif_400W	1762	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Emerald DG Bif_420W	1762	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Sapphire DG Bif_420W	1762	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Quartz DG Bif_125W	1762	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Icon_375-380W	1755	1038	35	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Icon_400-420W	1724	1134	30	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Icon Plus_450-460W	2094	1038	35	0 - 200	+1200/-1200
				200 - 250	+1400/-1400
MEPV_Icon Plus_500W	2094	1134	30/35	-	-
MEPV_Icon Plus_550W	2279	1134	35	-	-
MEPV_Icon Plus DG Bif_550W	2279	1134	35	-	-
MEPV_Agro DG Bif_260-275W	1716	1128	-	0 - 200	+2200/-2200
				200 - 250	+2400/-2400
MEPV_Agro DG Bif_325-335W	2094	1134	-	-	-
MEPV_Agro DG Bif_345-365W	2272	1128	-	-	-

Annex 3: Clamp mounting - Long side

| Figure 10



Model	Length (mm)	Width (mm)	Frame (mm)	D (mm)	Test loads (Pa)
MEPV_Nexa_420-450W	1722	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Nexa DG Bif_420-450W	1722	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Nexa Storm DG Bif_420-450W*	1722	1134	30	1/4L - 1/5L	+15100/-3880
MEPV_Nexa DG Bif_460-475W	1762	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Nexa Storm DG Bif_460-475W*	1762	1134	30	1/4L - 1/5L	+15100/-3880
MEPV_Nexa_480-500W	1909	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Nexa DG Bif_480-500W	1909	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Nexa Storm DG Bif_480-500W*	1909	1134	30	1/4L - 1/5L	+15100/-3880
MEPV_Nexa DG Bif_500-515W	1961	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Nexa Plus_570-580W	2278	1134	30/35	1/4L - 1/5L	+5400/-2400
MEPV Nexa Plus DG Bif 580-600W	2278	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Nexa Plus DG Bif_695-720W	2384	1303	35	1/4L - 1/5L	+5400/-2400
MEPV_Ultra_400W	1727	1039	30	1/4L - 1/5L	+5400/-2400
MEPV_Ultra_440W	1895	1039	30	1/4L - 1/5L	+5400/-2400
MEPV_Ultra DG Bif_440-450W	1895	1039	30	1/4L - 1/5L	+5400/-2400
MEPV_Ultra DG Bif_470-485W	1800	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Terracotta_360-375W	1722	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Terracotta DG Bif_400W	1762	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Anthracite DG Bif_400W	1762	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Emerald DG Bif_420W	1762	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Sapphire DG Bif_420W	1762	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Quartz DG Bif_125W	1762	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Icon_340W	1684	1002	35	1/4L - 1/5L	+5400/-2400
MEPV_Icon_375-380W	1755	1038	35	1/4L - 1/5L	+5400/-2400
MEPV_Icon_400-420W	1724	1134	30	1/4L - 1/5L	+5400/-2400
MEPV_Icon Plus_450-460W	2094	1038	35	1/4L - 1/5L	+5400/-2400
MEPV_Icon Plus_500W	2094	1134	30/35	1/4L - 1/5L	+5400/-2400
MEPV_Icon Plus_550W	2279	1134	35	1/4L - 1/5L	+5400/-2400
MEPV_Icon Plus DG Bif_550W	2279	1134	35	1/4L - 1/5L	+5400/-2400
MEPV_Agro DG Bif_260-275W	1716	1128	-	1/4L - 1/5L	+5400/-2400
MEPV_Agro DG Bif_325-335W	2094	1134	-	1/4L - 1/5L	+5400/-2400
MEPV_Agro DG Bif_345-365W	2272	1128	-	1/4L - 1/5L	+5400/-2400

* Laboratory tested according to standard IEC 61215-2:2021 (MQT 16)

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