**mounting systems**
20 years

# Lambda

**Flexible modular system**
Lambda will easily fit a multitude of different flat roof applications, due to its variable tilt angle and its several foot options for both ballasted solutions and roof penetration. Its design allows modules to be mounted side by side in rows of up to 12 m. They can be installed in both portrait and landscape mode.

**Optimal adaptability**
The clever standard system has been specifically developed to easily allow project-specific adjustments for various special requests on flat roofs.

**Rapid installation**
All components are packaged according to the type of module and the configuration of the module field.[1] Quickstone technology, clever design and extensive pre-assembly all add up to minimal installation time and the necessity of very few tools.

**Static reliability**
Mounting Systems' service includes a static verification of all Lambda configurations offered. On demand[2], an official assesible static calculation is available.

**Maximum service life**
All components are made of either aluminium or stainless steel. Their high resistance to corrosion guarantees maximum service life and full recyclability.



*Flat roof*  *Open terrain*
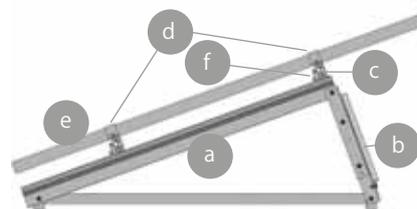
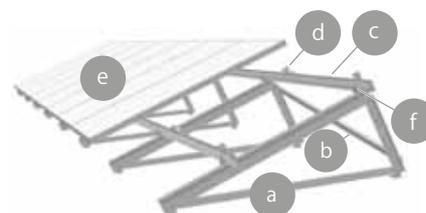*Unframed module*  *Framed module*  *Orientation portrait*  *Orientation landscape*

**10 years** Warranty

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**1** For detailed information, please contact us during the planning stages of your project.
**2** At extra cost.

| | |
|---|---|
| **Application** | Flat roofs [1] or ground |
| **Height of Building** | Depends on wind loads on site |
| **Permissible charges** | 1,900 Pa at 2.5 m² module surface per support triangle |
| **PV modules** | Framed, unframed |
| **Module layout** | Serial (up to approx. 12 m per frame unit) |
| **Module orientation** | Landscape, portrait |
| **Pitch** | 10°, 20°, 25°, 30° (other upon request) |
| **Size of module array** | Any size possible |
| **Position of the module array** | No special requirements |
| **Roof clearance** | 8 to 10 cm (other upon request) |
| **Standards** | Eurocode 1 – Action on structures<br>Eurocode 9 – Design of aluminium structures[2] |
| **Supporting profiles** | Extruded aluminium (ENAW 6063 T66), (EN AW 6060 T6) |
| **Small parts** | Stainless steel (V2A) |
| **Colour** | Aluminium: plate finish |
| **Warranty** | 10 years [3] |



Side view



System view

**a** Triangle
  (above version: triangle with foot bracket)
**b** Diagonal strut
**c** Base rail
**d** Module clamp/ end clamp
**e** Module
**f** X-Stone

**1** Attention: For any project, please check the static suitability of the building!
**2** Official assesible static calculation available on request, at extra cost.
**3** Please find the exact terms in the Mounting Systems GmbH warranty document.

For further information: www.mounting-systems.com
Subject to technical changes.
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