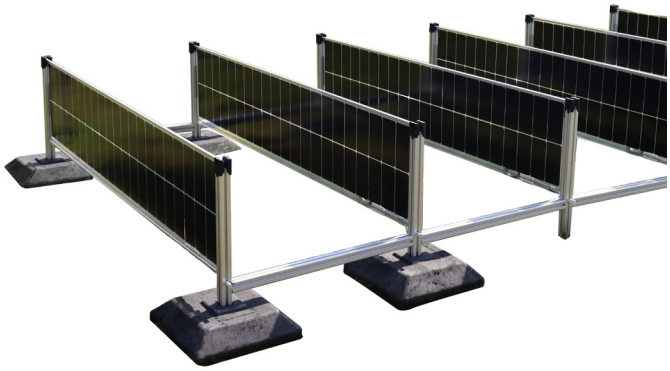
OPTIGRÜN SOLAR vertikal

Photovoltaic module with mounting frame

Solution for vertical installation of bifacial photovoltaic modules on green roofs, held by superimposed load. Consisting of photovoltaic modules, mounting frame and ballast feet.



Module technology	Bifacial/TOPCon/Double Glass
Module dimensions	2011 x 415 x 7.5 mm
Module weight	14 kg
Nominal power	160 Wp
Area output	100 Wp/m²
Material mounting frame	Aluminium
Material ballast foot	Recycled plastic
Dimensions ballast foot	400 x 400 x 100 mm
Weight ballast foot	12 kg
System weight	12 – 22 kg/m² in addition to the green roof structure
System height	620 mm from top edge of substrate
Quantity/delivery unit	According to size of order
Pack size	According to size of order
Delivery weight	According to size of order

Area of use

- For the construction of solar green roofs with vertically installed, bifacial photovoltaic modules on extensive green roofs
- Can be retrofitted on existing green roofs

Specific properties

- PV modules with the latest technology: with TOPCon solar cells in double glass, tolerant of partial shading, with hail protection
- Certified according to IEC 61215, IEC 61730, IEC 61701, IEC TS 62804 (module safety and reliability)
- High electricity yield
- Low superimposed load, full or partial ballasting possible
- Suitable for roof areas with a roof pitch of 0° to 5°
- Integrated cable management

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The preceding details are guideline values established under laboratory conditions. These values are subject to a certain manufacturing tolerance. The data contained in this product information sheet represents Optigrün's technical knowledge at the time of publication. Optigrün reserves the right to change and update details in accordance with new insights and to modify specified properties accordingly. No liability accepted for misprints.

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