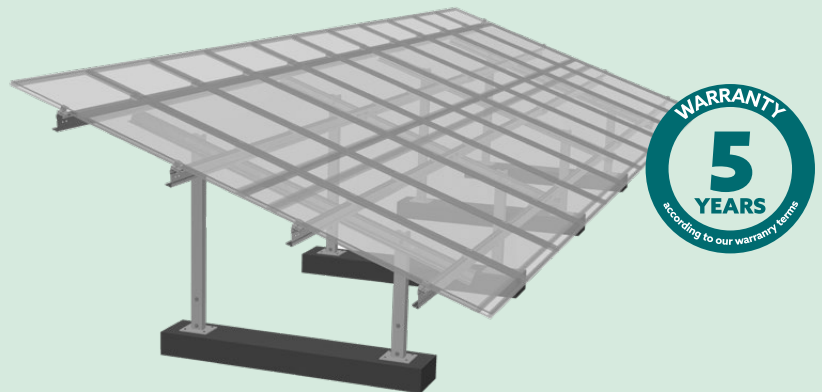


PVMAX-S ENERGY KIT

PRODUCT SHEET

**Simple modular system
for 22 modules in two rows**

**Pre-assembled ground-mount kit
based on concrete foundations**



PROVEN SYSTEM AS MOUNTING KIT

Our proven system for ground-mount installations PvMax-S is now also available as an uncomplicated kit solution. PvMax-S combines FS Duo with concrete foundations. The concrete foundations must be provided by the customer and are not included in the delivery.

The PvMax-S Energy Kit is designed for mounting 22 modules (2 rows of 11 modules each), the tilt angle is 20°.

Maximum allowable loads:

Wind load v_{ref} 28.0 m/s

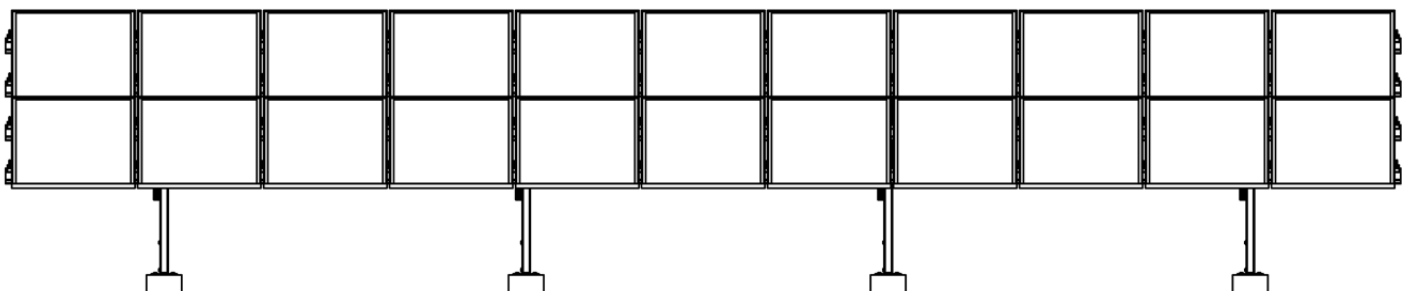
Snow load s_k 1.58 kN/m²

The kits are designed for commercially available 60 or 72 cell modules.

	Module dimensions max.	Foundation dimensions
60 cell modules	L/W/H 1700x1150x50 mm	L/W/H 3000x600x400 mm
72 cell modules	L/W/H 2400x1150x50 mm	L/W/H 3800x600x400 mm

NOTE

Please refer to the technical table drawing for the exact placement of the foundations.



PVMAX-S ENERGY KIT

TECHNICAL SPECIFICATIONS

Scope of application	Ground-mount system with concrete foundations, pre-assembled
Material	Systems components: Steel; Screws: Stainless steel
Planning aid	Technical drawings
Structural analysis	Structural analysis based on the recognized rules of technology. The verification of structural safety for the mounting system is based on Eurocodes and general construction approvals. The load assumptions comply with DIN EN 1991-1 and the regulations of the national annex.
Warranty	5 years according to our warranty terms
Supplementary documents	Assembly instructions PVMax-S Energy Kit Component overview - PVMax-S Energy Kit

ARTICLE OVERVIEW

146003-050	PvMax-S Kit 2V LT 11/72 4 posts	PU: 1
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COMPLEMENTARY ARTICLES (to be ordered separately)

964000-176	Zinc repair paint	PU: 1
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AL blank Blank anodized

131121-002	131121-902	Centre clamp Rapid16 40-50	PU: 100
131101-002	131101-902	End clamp Rapid16 40-50	PU: 50
131121-001	131121-901	Centre clamp Rapid16 30-40	PU: 100
131101-001	131101-901	End clamp Rapid16 30-40 (V)	PU: 50
131101-003	131101-903	End clamp Rapid16 30-30 (H)	PU: 50

► **NOTE**
For assembly are needed:
40 pcs. Centre clamps/kit
8 pcs. End clamps/kit

ACCESSORIES NEEDED

ANCHOR BOLT RECOMMENDATIONS FOR CONNECTION TO THE FOUNDATIONS

Fischer anchor bolt FAZ II 10/10
Hilti anchor HST M10x90/10 (5.8)
Würth anchor W-FAZ/HCR M10 (5.8)

Alternative anchor bolts can also be selected which have similar or better static values than those mentioned here.
These are available from specialist dealers.

