

ALUMERO

AC G+

GROUND-MOUNTED

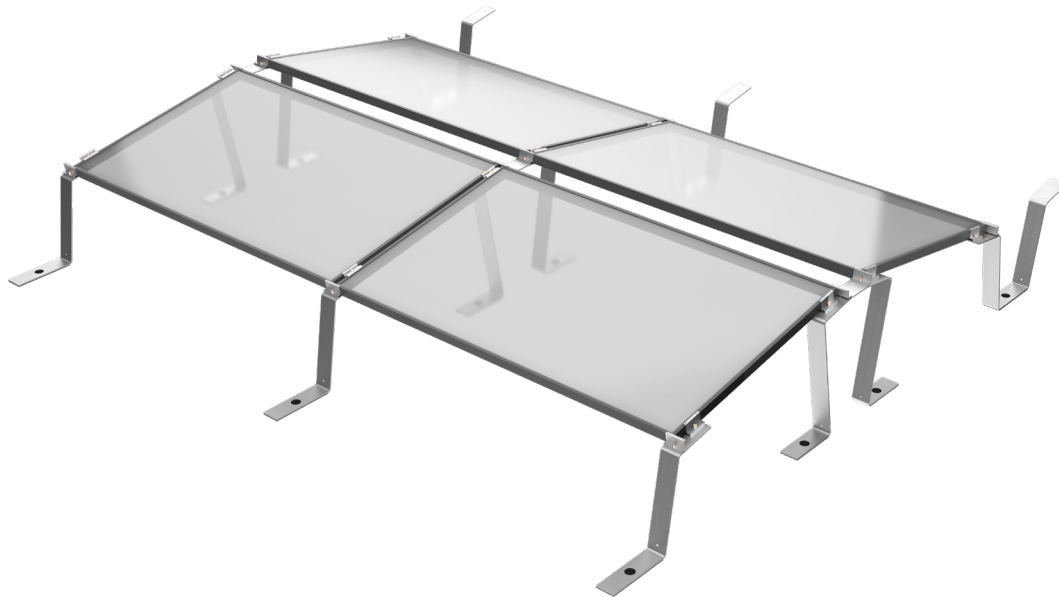
EN

DATA SHEET

GROUND-MOUNTED AC G+

Your big plus

- + Tested in a wind tunnel
- + Quick and simple mounting thanks to pre-assembled components
- + Low transport costs
- + Optimum module ventilation
- + Water drains off on all sides
- + Main structure made of aluminium/stainless steel
- + Module clamps with integrated earthing pins
- + Light and durable
- + TÜV-certified according to UL 2703



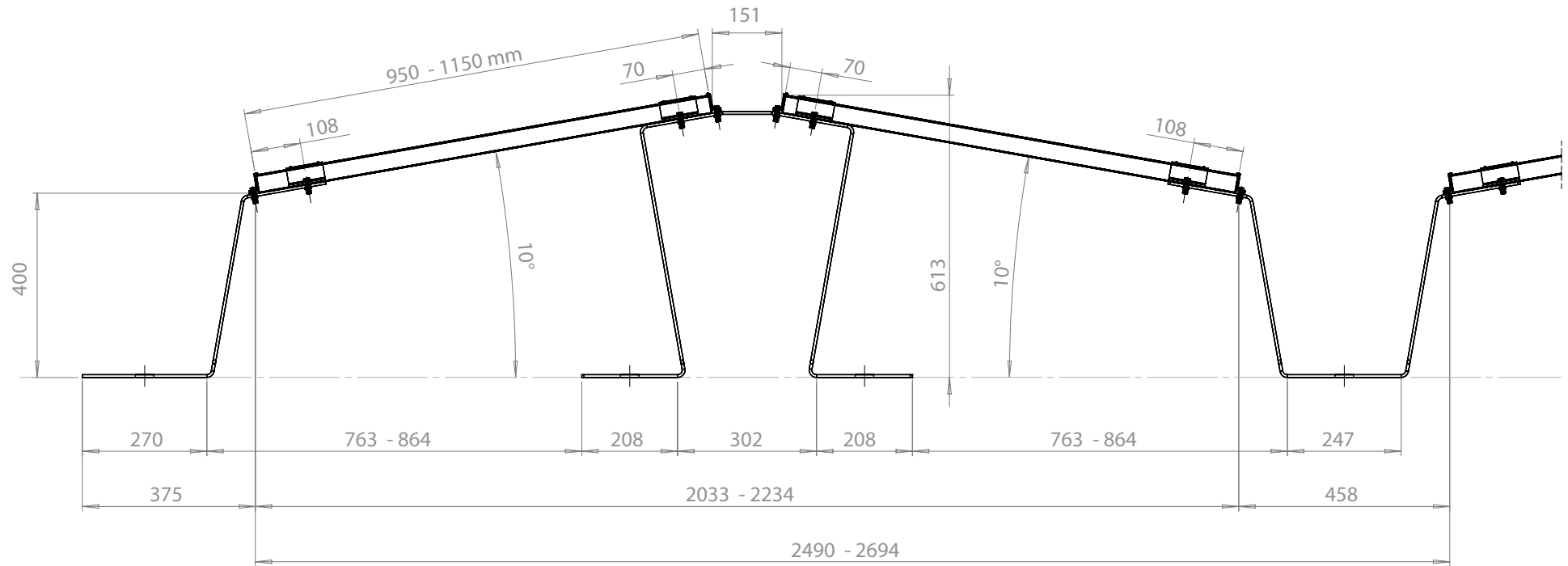
Technical data

Description:	Aerodynamic mounting system for the installation of framed PV modules on open ground.
Area of application:	On meadows and cultivated areas as well as on sand, gravel, crushed rock, concrete or asphalt
Module dimensions:	950 – 1,150 mm × 1,500 – 2,250 mm (width × length)
Set-up angle:	10°, both sides
Spacing between rows:	8° internal shade angle: 609 mm
Gap to the ground:	approx. 400 mm
Max. slope of the ground:	up to 10° possible without ground anchors, over 10° only with ground anchors
Min. & max. array size:	Min. 2 double rows per 2 modules, max. 12 × 16 double rows, 384 modules or 25 × 40 m
Wind load:	Suction-wind load up to 2.4 kN/m ²
Snow load	Compressive load up to 2.4 kN/m ²
Design / stability	Software-supported on the basis of tests done in a wind tunnel
On-site requirements	Sufficient load-bearing capacity and pressure-bearing capacity of the ground must be ensured on site. The general conditions of business and warranty apply, as does the user agreement.
Module release	The module release must be obtained from the module manufacturer or taken from the corresponding data sheet.
Components	Module clamps with earthing pin, ground-mounting clips, ballast blocks, ballast trays, ground anchors
Materials	Load-bearing connectors made of aluminium EN AW 6060 T64, module clamps made of aluminium EN AW 6063 T66, bolts made of stainless steel A2-70, wind baffle plates and ballast trays made of steel with aluminium-zinc coating, building protection mat made of polyester fleece



Technical drawings

Ground-mounted AC G+



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Project planning in 8 steps

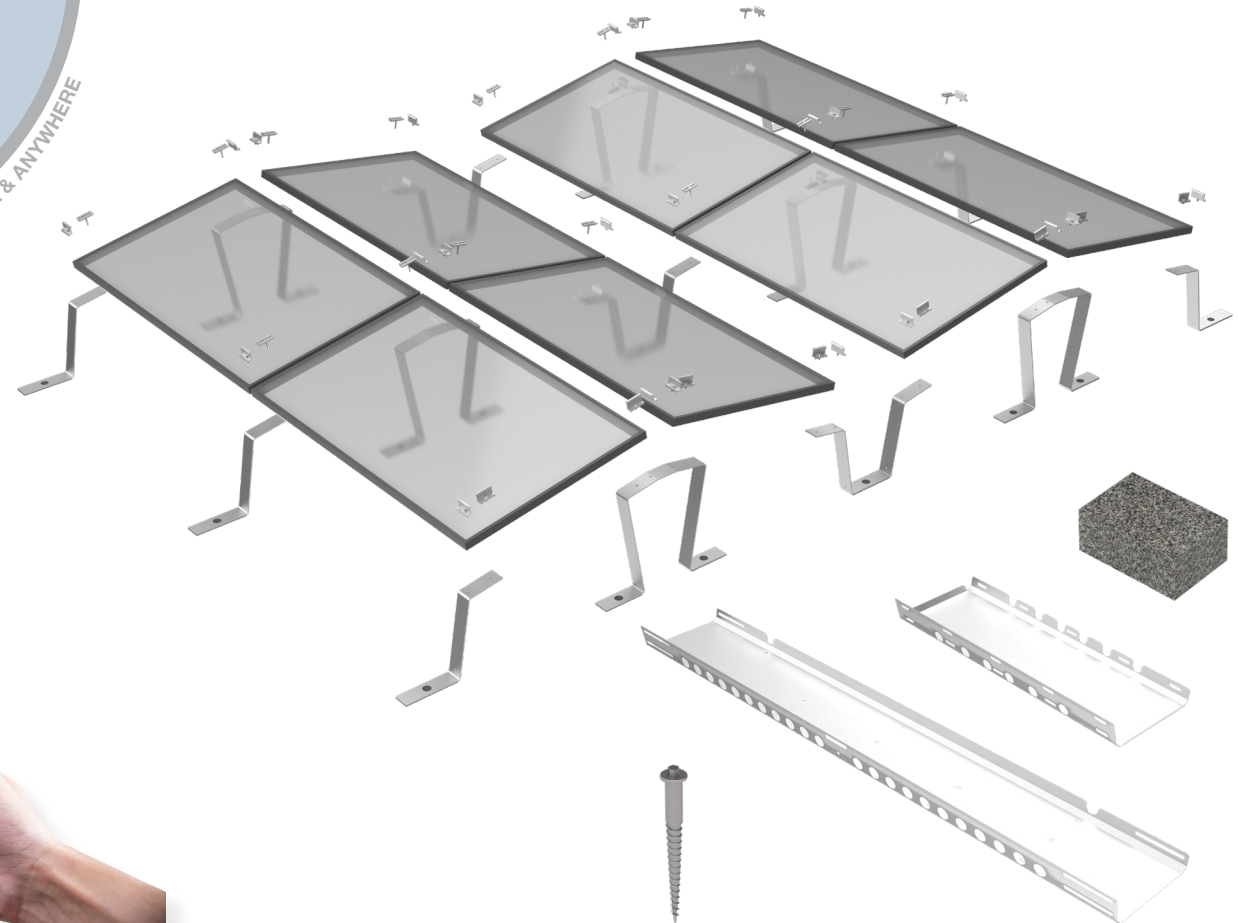
- 1 Master data
- 2 Ground data
- 3 Ground measurement
- 4 PV modules
- 5 Structure
- 6 CAD diagram
- 7 Structural design
- 8 Material list



We give our customers the possibility of creating technical, project-related system designs incl. static calculation and project reports using our online software **Alumero.Pro.Tool**.

Component overview

You can find further items in our product catalogue or on our website www.alumerogroup.eu



makes us stronger.