

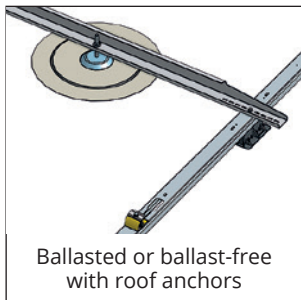
Sunbeam Supra

Product sheet



Installing solar panels? Start with the basics!

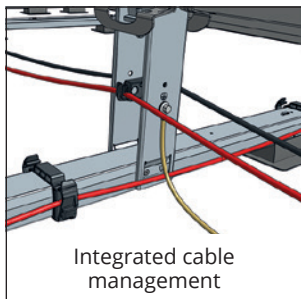
Sunbeam Supra is a mounting system for installing solar panels on flat roofs. The system provides optimal support for large-format solar panels. Its smart design with lots of pre-assembly makes it ultra-fast and easy to install.



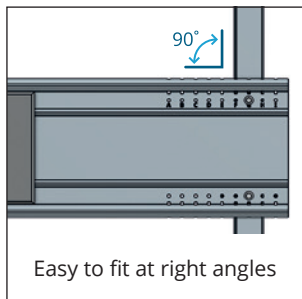
Ballasted or ballast-free with roof anchors



Side deflectors for even lower roof load



Integrated cable management



Easy to fit at right angles

Innovative features

- optimal ballasting for low roof loads without roof penetrations
- even lower load with side deflectors
- ballast-free installation with roof anchors also possible
- thermally decoupled profiles prevent mechanical damage to the roof covering
- optimal longitudinal support: higher permissible load and less degradation of the solar modules
- pre-assembled parts
- compact pallets, little packaging material
- automatic potential equalisation

Sunbeam Supra is a fully climate-neutral certified product

For more information: sunbeam.solar/en/



A solution for every project

General features	
modules	length: 1800 to 2500 mm (L), width: 990 to 1310 mm (W), frame thickness: 28 to 45 mm
materials	Zn/Al/Mg-coated steel (Magnelis), Aluminium, stainless-steel fasteners, recycled UV-stable plastics (HDPE, PA6)
field size	up to 50 x 50 metres thanks to thermally decoupled profiles
fastening	without roof penetrations using ballast, or ballast-free using roof anchors
roof load	project-specific, 12-18 kg/m ² on average. Lightweight modules and ballast-free 5-7 kg/m ²
roof slope	0° to 5°
calculation	online calculation tool Galileo, in AutoCAD and BricsCAD using the Virto.CAD plugin
electrical	automatic equipotential equalisation, NEN 1010 (< 0.2Ω, tested by VDE) connected or integrated into lightning-protection safety net (tested by Dehn Test Centre)
standards and research	calculations: EN 1990, EN 1991-1-4 (incl. national annexes), NEN 7150 and wind-tunnel test Peutz load capacity: independent tests by Fraunhofer CSP
CSR	product delivered climate-neutral (Climate Neutral Group). EPD available from the Dutch Environmental Database. Produced within the EU and assembled at sheltered employment workshops
warranty and conditions	consult warranty period and specific warranty conditions at www.sunbeam.solar/en

Supra Universal			Supra Symmetrical		
Row distance (B)	Solar panel width (w)		Row distance (B)	Solar panel width (w)	
1400 mm	min. 990 mm	max. 1069 mm	2300 mm	min. 990 mm	max. 1069 mm
1500 mm	min. 1070 mm	max. 1149 mm	2460 mm	min. 1070 mm	max. 1149 mm
1575 mm	min. 1150 mm	max. 1229 mm	2630 mm	min. 1150 mm	max. 1229 mm
1650 mm	min. 1230 mm	max. 1310 mm	2785 mm	min. 1230 mm	max. 1310 mm

Technical drawing of Supra Universal solar panel mounting system. Dimensions include: 166 - 266 mm (panel width), 750/1050 mm (height), 1060 - 1460 mm (total height), 10 - 34 mm (panel thickness), 0.1° (slope), (W) (width), (B) (row distance), and (B) + 98 mm (offset).

Technical drawing of Supra Symmetrical solar panel mounting system. Dimensions include: 150 mm (panel width), 750/1050 mm (height), 1060 - 1460 mm (total height), 10 - 34 mm (panel thickness), 0.1° (slope), (W) (width), (B) (row distance), and (B) + 98 mm (offset).