



Aerodynamic south oriented mounting system for flat roofs

Logistics couldn't be simpler. Mounting couldn't be faster.

swisscleantech | Association for resource efficient and low-emission economy
Swissolar | Swiss Solar Industry Association
AEE | Renewable Energy Agency
ÖBU | Swiss Association for Environmentally Responsible Corporate Management
STV | Swiss Technical Association



MACH₁ SOUTH



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A MOUNTING SYSTEM THAT MAKES LIFE EASY!

Save time and money with the short rails, the positive fit locking and snap in parts, and the clever low-cost logistics technology.

Optimised mounting system with south orientation for flat roofs. Ideal for roofs with low ballast possibilities; with or without attica/parapet. Fast pre-assembly on site and quick distribution of the pre-assembled parts on the roof lead to high installation quality and speed.

FEATURES

for use on	flat roofs / green roofs
elevation angle	10° or 15°
module size	all common module sizes
module thickness	31 - 50 mm
row separation	continuous, 3 ft 11" - 6 ft 5" (1.2-1.96 m)

wind load calculation	according to ASCE -7-05 / DIN EN 1991-1-4
module grounding	optional, according to UL 2703 / DIN VDE 0100
fastening	no roof penetration
material	top-quality aluminium
long-lasting sealing	EPDM, UV-resistant, temperature-stable

ADVANTAGES AT A GLANCE



installation
can be installed by 1 person



low (or no) ballast
thanks to excellent aerodynamics



module fastening
clamping as per manufacturer's instructions



just snap in
module installation with "CLICK" clamp



back ventilation
full-surface back ventilation



short parts
parts no longer than 4 ft. (1.2 m)



time-saving
few parts, few steps, easy handling



evens bumpy roofs
compensates for uneven roof conditions



everything on pallets
simplest logistics with pallet shipment



theft security
integrated theft prevention

montavent - the world's most efficient PV mounting system

Since 1999 the swiss company montavent ag is globally revolutionising the solar industry with mounting systems for the most efficient construction of solar power stations. montavent optimizes almost each single step and each detail of the supply chain. Few, palletizable components are packaged in a space-saving way and guarantee lowest logistics costs. montavent sets standards for industrial solar installation and ensures economic advantages.

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