

Press release
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Product innovation: MiniFive ensures ideal ventilation

The new additional component MiniFive offers a simple and easy option to mount the modules for the tried-and-tested MiniRail System by K2 Systems, the mounting system manufacturer from the Swabian region of Germany. One-sided mounting of the modules at the eponymous angle of 5° improves the irradiation angle and above all the ventilation between the roof and the PV system. The modules in particular benefit from ideal ventilation, leading to a substantially greater yield on the trapezoidal sheet roofing.

Three products for practical mounting

The classic MiniRail System only needs three components to accommodate the new feature. The two aluminium module supports MiniFive Front and MiniFive End are inserted into the MiniRail, while the bolt set MiniFiveFix holds the mount firmly in place in the centre of each module row, controlling the system's thermal expansion. Finally, the module clamps are attached to the two MiniFive components instead of to the MiniRail.

The new MiniFive therefore does entirely without any additional, laborious assembly work or special tools, and can instead be integrated easily into the structure of the mounting system. The components are available in two versions, depending on the area of use and specific load requirements: first in a width of 5 cm for normal snow load, and second in a 9 cm version model for high snow loads.

Ventilation identified as a clear advantage

The additional 5° incline ensures improved air circulation, a factor known as ventilation. The additional cooling produced by the system is further testimony to the innovative drive and strength of the dedicated development team at K2 Systems, which consistently identifies market requirements, translating them sufficiently and creatively into new ideas.

Only last June, the company used the occasion of the Intersolar in Munich to present the significantly upgraded MiniRail System. A new profile cut ensures lower weight and therefore additional cost savings in shipping and retail price. The inclusion of a second module clamp (27–35 mm) to enlarge the range of available accessories is another feature that makes the MiniRail System attractive to fitters and technicians, who depend on high-quality mounting systems.

Small components, big effects

'Although actually a simple module support, the new adapter designed specifically for our MiniRail System proves hugely effective, as the improved ventilation substantially increases the performance of the PV system. The MiniRail family can therefore welcome a fantastic and simple new member that will contribute to cooling,' says Katharina David, Managing Director at K2 Systems.

About K2 Systems

As a manufacturer of mounting systems for solar technology, K2 Systems develops innovative system solutions for the international photovoltaics industry for 12 years now.

Around 100 employees work on economical and trend-setting mounting systems for roofs across the world at the German headquarters in Renningen and the five branches in England, France, Italy, USA and Mexico. International customers and partners are convinced by the high quality and functionality of the proven carrier systems for installation on pitched roofs, flat roofs or ground mounted and special projects.

The longstanding experience, the service-oriented principles and the personal touch in all dealings ensure that K2 Systems is a sympathetic and reliable partner.

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Picture material

Pictures of MiniFive are available on the website: <http://www.k2-systems.com/en/press>