

## **Maximum flexibility: The new IBC AeroFix G3 flat roof mounting system**

*Roof-penetration-free mounting system now offers even more options for covering roofs individually and economically with PV modules*

**Bad Staffelstein / Germany, August 31, 2021 – IBC SOLAR AG, a global leader in photovoltaic (PV) systems and energy storage, presents the latest development of its aerodynamic flat roof mounting system IBC AeroFix. The new AeroFix G3 can be perfectly adapted to the respective module dimensions. The wide range of mounting options and the possibility to combine wide and narrow base rails ensure high flexibility and cost-effectiveness.**

Ever-growing module sizes trigger the demand for mounting systems that are not only flexibly adaptable to the respective module type, but also guarantee maximum safety. The new AeroFix G3 can accommodate modules with lengths from 1500 to 2100 mm and widths from 980 to 1150 mm. Thanks to an integrated tilt joint in the AeroFix mounting support, the modules are aligned mechanically tension-free on the mounting system. This means that there is no tension in the module and the risk of cell damage and loss of performance is eliminated.

New with the IBC AeroFix G3 is the possible combination of wide and narrow base rails within the same system. This means that lower ballasted modules or more stable roof areas can be covered with the more cost-effective, narrow rail. This not only ensures maximum flexibility, but also reduces the material costs and the overall costs of the system. At the same time, the system ensures that the roof is safely covered.

In terms of installation choices, the new system offers a whole range of options that guarantee perfect adaptation to any roof. The modules can be mounted either crosswise or upright on the AeroFix G3. With an elevation of 8, 10 or 15 degrees in a south or east-west direction, there are six different installation options.

### **Time saving and convenient installation**

For maximum convenience and cost effectiveness, the AeroFix G3 mounting system features wide floor rails with pre-mounted construction protection mats and integrated cable ducts for up to 28 6 mm<sup>2</sup> cables. This not only facilitates installation, but also saves time, costs and effort. In addition, the floor rails offer a large contact surface and thus ensure low surface pressure and even distribution of loads over the entire roof.

As with the previous models, only high-quality materials such as aluminum and stainless steel are used for the new AeroFix G3, and all components are perfectly matched to each other. The system thus offers maximum stability and durability for all types of flat roofs, regardless of

whether they are covered with foil, bitumen, gravel, concrete or green roofs. The new AeroFix G3 complies with the latest specifications of the Wind Technology Society (WtG).

Further information on the AeroFix G3 mounting system at: <https://www.ibc-solar.com/AeroFixG3>

#### **About IBC SOLAR**

IBC SOLAR is a leading wholesaler and global provider of photovoltaic and energy storage solutions and services. The company offers complete systems and covers the entire product range from planning to the turnkey handover of photovoltaic systems. The product range comprises solar parks, self-consumption systems for commercial enterprises and private households, off-grid photovoltaic systems and diesel hybrid solutions. As a project developer and general contractor, IBC SOLAR implements and markets major solar projects worldwide. The manufacturer-independent system house guarantees the highest quality for all projects and has currently implemented photovoltaic systems with an output of 5,4 gigawatts worldwide. IBC SOLAR works with a close network of Premium Partners and supports them with their own software tools for planning and designing grid-connected systems including storage systems. IBC SOLAR offers customised packages for energy providers, municipal utilities and providers of photovoltaic solutions. The company ensure the best possible output of solar parks through technical management and monitoring.

IBC SOLAR was founded by Udo Möhrstedt in Bad Staffelstein in 1982 who has managed the company as the Chairman of the Executive Board to date. The system house is a pioneer of the energy turnaround in Germany and is especially committed to energy cooperatives with its own planned public solar parks. The company is active internationally with numerous regional companies, sales offices and partner companies in more than 30 countries.

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