

Press release

## IBC SOLAR Line modules receive top rating for fire protection in Italy

*Class 1 fire protection certificate awarded after extensive quality tests*

**Bad Staffelstein / Germany, October 29, 2018 – IBC SOLAR AG, a global leader in photovoltaic (PV) systems and energy storage, has been awarded the Italian class 1 fire protection certificate for poly- and monocrystalline modules of its own brand IBC SOLAR Line. A test laboratory accredited by the Italian Ministry of Interiors has thus confirmed the modules' best possible fire protection behaviour. The specifications for fire protection in Italy are much stricter than the EU standard.**

Since 2013, IBC SOLAR has been working with an accredited test laboratory for the analysis of fire safety classes for poly- and monocrystalline modules in the IBC SOLAR Line. Following comprehensive inspections, the highest classification “class 1”, with outstanding flammability properties, was certified for the IBC SOLAR Line module variants IBC MonoSol VL5, IBC MonoSol GX5 as well as IBC PolySol VL5 and IBC PolySol GX5.

The Italian UNI 9174 provisions for the inspection of the fire behaviour of materials under the effect of radiant heat supplement the globally valid design specification as a country-specific requirement according to IEC 61730. The inspection is divided into three protection classes. Solar modules that reach the highest fire safety class 1 with an outstanding fire safety behaviour may be installed without further proof of the properties of the spreading of fire in the roof materials.

It is the goal of IBC SOLAR to always offer the highest quality standard for all products of the IBC SOLAR Line brand throughout Europe and therefore also to reach the highest fire safety class 1 for the country-specific requirements in Italy. To this end, all necessary material components are subjected to comprehensive quality inspections ahead of time and continuously optimised with the respective component suppliers.

Alongside the front glass, the cell, the encapsulation material and the insulating foil on the back are also characterised. In the test itself the dripping behaviour, the speed of the flame spread, the afterglow and the destroyed length are assessed. The subsequent independent classification into a fire safety class is officially registered in the Italian Ministry of Interiors.

### **About IBC SOLAR**

IBC SOLAR is a leading 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 over 3 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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