

Press release

Photovoltaic: more design and even more output

- **New photovoltaic modules in three designs and output sizes**
- **New inverters in five output classes**
- **Mounting systems also for large-scale plants on industrial and commercial buildings**

Essen/Remscheid, 6 March 2018 – The heating and ventilation technology specialist Vaillant is further expanding its system offer with focus on heat pumps and heating with electricity. On the occasion of the SHK Essen 2018 the company has presented a new photovoltaic system. With it, house owners can themselves produce the electricity needed by the heat pump environmentally friendly and cost-effectively.

The new Vaillant decentral energy generation includes three new monocrystalline photovoltaic modules. The module geared to maximum efficiency is available in two design variants, either with black or white foil behind the module cells and a uniform black frame. With 305 watt (white foil) or 300 watt (black foil) output the modules auroPOWER VPV P 305/2 M BWF and VPV P 300/2 M BBF have the greatest efficiency. The price-performance optimised module auroPOWER VPV P 290/2 M SWF provides 290 watt electrical output. It is equipped with a white background foil and a silver frame.

“The end-customers’ optical wishes are playing an ever bigger role in the case of photovoltaic systems,” says Oliver Gremm, Manager Product Marketing at Vaillant Germany. “That’s why we offer three module variants, which differ clearly in their design but are all based on high efficiency.”

Another detail provides an even more elegant appearance: the frame thickness of all modules has been visibly reduced – from 50 to 35 millimetres. Thereby the modules are especially stable and withstand snow and wind loads by which other products give up.

Thus, for example, a snow load of up to 7,500 pascal can be accepted without damage to the module.

Vaillant has also renewed its inverter programme. In five output classes from 1.5 to 4 kW, from 1 July 2018 in addition to the three-phase inverters single-phase models will be available. In all sizes the inverters offer the best possible efficiency values in the conversion from direct to alternating current. The 4-kW variant is also offered as a multi-string inverter in order to be able, for example, to connect two photovoltaic fields with different prerequisites in electricity generation to a joint inverter. The access data to the auroPOWER portal are already stored in all Vaillant inverters, meaning that all users can access them cost-free and retrieve a great amount of up-to-date information on their photovoltaic system.

The mounting systems for auroPOWER plants were also supplemented and renewed. Vaillant now offers additional mounting components for use on the roofs of industrial and commercial businesses. Therefore larger plants than previously can also be realised. In the future, the mounting material for systems on standard roofs will be offered in new, practice-oriented packages for different plant sizes. Especially for use in the Southern German region, a new, recognised interface for solar roof tiles of the respective roof tile manufacturer will be newly adopted in the programme. These solar roof tiles and the universally useable metal bracket will be applied analogous to roof anchors. Thus, existing roof tiles do not have to be worked on in the assembly. Thereby the long-term guarantee of the roof tile manufacturer is retained.

Further information is offered by Vaillant Deutschland, Berghauser Strasse 40, 42859 Remscheid, Germany. Vaillant Infoline: +49 2191 – 57 67 920, E-mail: info@vaillant.de, www.vaillant.de.

About Vaillant

Vaillant offers its customers worldwide environmentally friendly and energy-saving heating and ventilation systems that increasingly are using renewable energies. The product portfolio encompasses solar thermal and photovoltaic plants, heat pumps, pellet boilers, ventilation appliances for low-energy houses, combined heat and power units, highly efficient heating systems based on fossil fuels, and smart controls.

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Caption:

Vaillant further upgrades its offer for energy generation from electricity with new photovoltaic modules, inverters and mounting systems.

Photos: Vaillant