

Press Release

Combining Energy for a Greener Future

## VARTA Storage GmbH and Solare Datensysteme GmbH Strengthen Their Strategic Cooperation

Installation of solar PV plants under 10kWp increased by 68% from July 2015 to July 2018 and is still climbing (source: BSW Solar). The reduction of feed-in tariffs has made the consumption of self-produced power one of the most important aspects of PV power. It is essential to integrate energy storage and energy management systems to continue to improve the efficiency of solar power. For this reason, VARTA Storage GmbH and Solare Datensysteme GmbH are intensifying the cooperation that they established in 2015.

**Geislingen-Binsdorf, Germany, 4 October 2018:** After successfully developing the intelligent charging time shift function, both companies are intensifying their cooperation. The goal is to make PV power even more appealing.

Regarding increased cooperation, Dr. Frank Schlichting, CEO of Solare Datensysteme GmbH, says, "We look forward to continuing our working relationship with VARTA Storage GmbH to ensure that PV power is used where it is generated. The two components of energy storage and energy management have to be optimally matched to each other. The professional cooperation of VARTA and SDS is based on the common goal of 'a successful transition to clean energy'. This is our motivation and a significant factor in our success."

Gordon Clements, General Manager of VARTA Storage, a subsidiary of VARTA AG have a similar view: "For us, it is important that energy storage is optimally integrated into the entire PV system. We all benefit from the resulting added value, increased productivity, greater flexibility and improved usability – not just the environment."

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### Intelligent Management of Energy Storage

Both companies have already made numerous improvements to the interaction of power production, storage, and consumption. The intelligent charging time shift function is one of the latest developments. This function determines the most effective time to charge the energy storage. The weather forecast data and consumption analysis are factored in to determine the most effective charging time. The Solar-Log™ energy management system then uses these calculations for the charging times. The goal is to ensure that no PV energy goes unused and that the energy storage is completely charged by the end of the day.



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### **Solare Datensysteme GmbH (SDS)**

Solare Datensysteme GmbH (SDS), based in the German city of Geislingen-Binsdorf, is one of the leading companies in the areas of solar monitoring, smart energy, and feed-in management with global service for operators and installers. Since August 2015, SDS is a subsidiary of BKW AG (Bern, Switzerland) – a global company for energy and infrastructure with around 6,700 employees.

SDS has developed and distributed their Solar-Log™ product range since 2007, currently installed in 120 countries – monitoring 285,000 plants with a total output of 12.94 GWp. Solar-Log™ is compatible with 130 different component manufacturers and more than 2,300 different inverter models. SDS solutions make an important contribution to the successful integration of renewable energy into an intelligent power grid and help to make the successful transition to clean energy a reality. [www.solar-log.com](http://www.solar-log.com)

### **About VARTA AG**

As the parent company of the Group, VARTA AG is active in the business segments Microbatteries and Power & Energy through its operating subsidiaries VARTA Microbattery GmbH and VARTA Storage GmbH. Already today an innovation leader in the microbattery sector and one of the market leaders for hearing-aid microbatteries, VARTA Microbattery GmbH also aspires to market leadership for lithium-ion batteries in wearables and particularly headphones. VARTA Storage GmbH focuses on intelligent energy solutions for customized battery storage systems for OEM customers and the design, system integration and assembly of stationary lithium-ion energy storage systems. The VARTA AG Group's operating subsidiaries are currently active in more than 75 countries around the world, with five production and assembly facilities in Europe and Asia as well as distribution centers in Asia, Europe and the United States.

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