



SMA Solar Technology AG – Press Release

SMA at Intersolar Europe 2013: Innovations for the Energy Supply of Tomorrow

Niestetal/Munich, April 15, 2013 – SMA Solar Technology AG (SMA) will present the latest in its innovative solutions for the energy supply of tomorrow at this year's Intersolar Europe trade show from June 19 to 21, 2013, in Munich. At the event, the company will showcase the perfectly customized solutions it offers for every photovoltaic system application including the SMA Smart Home, a comprehensive, intelligent energy management system for private households; the SMA Fuel Save Solution, an economic electricity supply system for industrial consumers from sunny regions; and turnkey system solutions for PV power plants. SMA will also provide an opportunity for visitors to take a glance at the new generation of central inverters slated for market launch in 2014.

Intelligent System Technology Is Key to Successfully Transforming the Energy Sector

"SMA has focused on meeting the needs of the future energy supply from early on. Our intelligent system technology is key to successfully transforming the energy sector into one that provides a decentralized supply based on renewable energy sources," explains SMA Chief Technology Officer Roland Grebe. With the SMA Smart Home, the company offers a system concept that is unique in the marketplace and, based on PV generation and consumption forecasts, can intelligently control household appliances and thus significantly increase the self-consumption of solar electricity. "In addition to the enhanced Sunny Home Manager, as a central component of the SMA Smart Home, we will also present comprehensive storage solutions for various requirements at Intersolar. We are collaborating closely with renowned manufacturers to ensure the optimal integration of additional components into the intelligent energy management system: with Miele for the integration of household appliances, and with Stiebel Eltron and Vaillant for the integration of heat pumps. We look forward to discussing this topic with solar power professionals," Roland Grebe said. "One important topic is also the integration of electric mobility. The batteries of electric vehicles can be used as an additional storage source for electricity."

Fuel-Saving Solution for Photovoltaic Diesel Hybrid Systems

The intelligence within the system is also important for photovoltaic diesel hybrid system applications. The SMA Fuel Save Solution ensures shorter diesel running periods and significantly reduced fuel consumption through the needs-oriented regulation of the PV feed-in. In this context, SMA will be presenting successful flagship projects to trade show visitors.



Enhancement of High-Performance Products and Future Technologies

Highlights from the industrial segment are the PV power station for all central PV power plants and the Compact MV Power Platform specifically developed for the American market, which meets all US-specific requirements for inverters, transformers and park control from one source. SMA will also present its complete system technology packages for PV power plants with decentralized architecture: Based on the powerful Sunny Tripower, they will be supplied with communication systems for park control and medium-voltage connection. "Visitors to our booth can also take a peek into the future: SMA is introducing the future concept of the new generation of central inverters and showing future standards in the fields of integration, cost optimization and internationalization," said Roland Grebe.

Those attending **Intersolar** can learn more about SMA's many innovations at **SMA booths B5.210 and B5.230**.

About SMA

The SMA Group generated sales of €1.5 billion in 2012 and is the global market leader for solar inverters, a key component of all PV plants and, as an energy management group, offers innovative key technologies for future power supply structures. It is headquartered in Niestetal, near Kassel, Germany, and is represented internationally in 21 countries. The Group employs more than 5,000 people worldwide. SMA's broad product portfolio includes a compatible inverter for every type of module on the market and for all plant sizes. The product range includes both inverters for photovoltaic plants connected to the grid as well as inverters for off-grid systems. SMA is therefore able to provide ideal technical inverter solutions for all plant sizes and types. Since 2008, the Group's parent company, SMA Solar Technology AG, has been listed on the Prime Standard of the Frankfurt Stock Exchange (S92) and also in the TecDAX index. In recent years, SMA has received numerous awards for excellence as an employer and achieved first place in the nationwide "Great Place to Work®" competition in 2011 and 2012.

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