



Press Release

Tuesday, 24. September 2013

A New Kind of Photovoltaics

BELECTRIC OPV presents the next generation of PV products

Nürnberg: This fall, BELECTRIC OPV is revealing the latest technological developments in the field of organic photovoltaics. With its 'Solarte' product line, the organic solar panel manufacturer appeals directly to designers and architects. For the first time, a technological innovation is being implemented into a market-ready photovoltaic product. The new product line aims to provide designers with style and design possibilities and open up completely new esthetic, ecological, and economic options for integrating photovoltaics into products and thereby generate energy for a range of applications at the very location they are used. The market launch will take place at the 28th EU PVSEC 2013 (European Photovoltaic Solar Energy Conference and Exhibition) being held in Paris between October 1 and 3, 2013 (Hall 2, stand B/17).

"We are looking forward to presenting the new 'Solarte' product line to the market at PVSEC and to demonstrate the huge advantages of printed organic photovoltaics on specific products," said Hermann Issa, Director of Business Development at BELECTRIC OPV.

The photovoltaic active base material manufactured by BELECTRIC OVP under the name 'Solarte' is characterized by freedom of design, shape, and material. It is ideally suited for simple integration into applications and products. In the printed OPV modules, energy is generated by organic carbon-based semiconductors under the influence of light. The solar panels are manufactured according to a cost-efficient printing procedure.

The flexible photovoltaics of the 'Solarte' series present completely new possibilities for the integration of energetically active components into architecture and product design. The range of application options could not be more diverse: The spectrum ranges from energy production for lighting objects, transparent and colored accessories for sport, leisure, and fashion, through to attractive PV surfaces to match the design, or inlays for product integration into all kinds of mobile and stationary applications. Furthermore, the new range also includes products that focus on the architecture sector and offer unprecedented possibilities for energy harvesting in façade design and urban furnishings.

Alongside the new 'Solarte' range, BELECTRIC OPV is also further developing the 'Power Plastic' product line, which is primarily aimed at large-scale industrial applications.

If you have any questions about the 'Solarte' range, please contact:

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Picture caption: Solar Art: SL1 Garden Lamp

About BELECTRIC OPV: BELECTRIC OPV GmbH is headquartered in Nuremberg, where it develops and manufactures organic solar panels, with a focus on their commercialization. Furthermore, BELECTRIC OPV conducts research and development in the field of module development, printing-related implementation, and product development, including for the integration of OPV modules into existing products. BELECTRIC OPV has two product lines: 'Solarte' for architects and designers and 'Power Plastic' for large-scale industrial applications. Products from BELECTRIC OPV stand for innovation, quality, and design.

About BELECTRIC®: BELECTRIC is one of the world's most successful companies in the development and construction of ground-mounted solar power plants and photovoltaic roof systems. As an international company, BELECTRIC is represented in more than 20 countries. Its position as a world leader in technology is the result of a high degree of vertical integration in the development and manufacturing processes. A belief in the compatibility of economic and ecological interests has always been the basis for the sustainable success of our 1,750 employees. More than 100 active patents are a testament to BELECTRIC's innovative spirit. In addition to solar power generation, BELECTRIC Drive® concentrates on the combination of photovoltaics and electromobility. Visit www.belectric.com for further information.

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