

## Storing Solar Energy Pays Thanks to the SOLON SOLiberty Energy Storage System

Berlin, November 28, 2011. SOLON presents the new SOLON SOLiberty energy storage system. It allows owners of photovoltaic power systems to cover up to 70% of their annual power consumption and be less dependent on power supply companies. The system has a capacity of 24 kWh, allowing it to cover the average daily power consumption of a family of four. SOLiberty by SOLON is a low-maintenance, reliable and stable storage solution offering good value for money to consumers who want to stop being dependent on rising electricity prices and contribute their share to the energy revolution.

SOLiberty was developed by SOLON and Deutsche Energieversorgung GmbH, whose expertise, bundled under the SENE.C.IES brand, has helped decisively to optimize the battery. The system consists of a storage block with 24 lead battery cells connected in series and a switch cabinet with the corresponding electronics. To ensure a safe and stable power supply, the storage management system draws power from the public grid if the solar power system or the batteries cannot supply sufficient energy. The battery also has protection against deep discharge. This increases the lifetime significantly.

The energy management system is designed primarily for own consumption. Solar power is only fed into the public grid once the battery storage is full. SOLON SOLiberty can be installed on existing systems or be installed together with a new photovoltaic system. Installation is quick and easy. The battery has an approximate lifetime of 10 years; the remaining capacity after this time is 80%. The system is produced in Germany. SOLON gives a product warranty of six years and a performance warranty of ten years. SOLON SOLiberty will be available in the first quarter of 2012.

“We want storage of electricity to pay. This is why we offer our customers this crisis-proof investment, which also pays more than your average savings account,” says Dr. Lars Podlowski, CTO of SOLON SE. Consumers profit in several ways from solar storage systems. They receive the German subsidy for self-consumption and the additional feed-in tariff for excess electricity fed into the grid. And, of course, their normal electricity bill is also lower. Considering the rising prices for electricity, storage and self-consumption is becoming more and more attractive in the long run.

About SOLON SE:

SOLON SE is one of the largest solar module manufacturers in Europe and suppliers of solar system technology for large-scale roof-mounted and ground-mounted systems. The SOLON group is represented by subsidiaries in Germany, Italy, France, and the U.S. and employs around 800 people globally. SOLON's core business is the production of solar modules and photovoltaic systems, and the project planning and construction of large-scale roof-mounted systems and turnkey power plants worldwide.

About Deutsche Energieversorgung GmbH and SENE.C.IES:

SENE.C.IES is a brand under which Deutsche Energieversorgung GmbH sells intelligent energy

systems that enable economical storage of solar electricity. Other business activities of Deutsche Energieversorgung GmbH include planning and construction of photovoltaic systems and distribution of solar components under industrial-scale terms. Deutsche Energieversorgung GmbH uses the force of innovation to pave the way for sustainable, decentralized energy consumption using solar energy.

SOLON SE

Sylvia Ratzlaff

Public Relations

FON: +49 30 818 79-9310

FAX: +49 30 818 79-9300

E-Mail: [sylvia.ratzlaff@solon.com](mailto:sylvia.ratzlaff@solon.com)