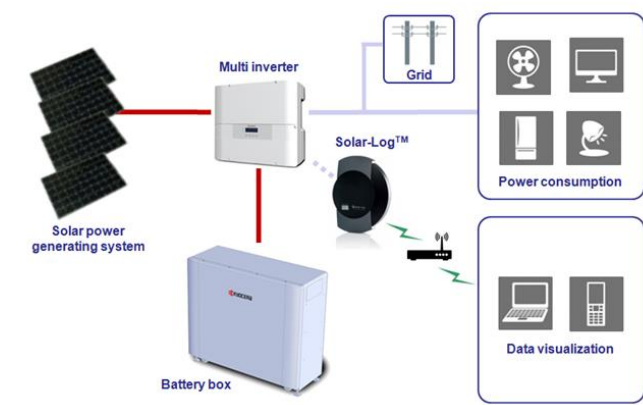


Press release

## Kyocera, Energetik and Solare Datensysteme to Launch Energy Storage Solution in Germany

Allowing easy, flexible installation and monitoring of electricity data, high-efficiency battery storage systems will contribute to optimal energy use inside the home

**March 12, 2015, Kyoto/Neuss** – Kyocera Corporation (President: Goro Yamaguchi), Energetik Solartechnologie-Vertriebs GmbH (Managing Directors: Mr. Thomas Stork, Mr. Frank Rohland) and Solare Datensysteme GmbH (CEO: Dr. Frank Schlichting) today announced that the companies have teamed up to offer an energy storage solution for residential use in Germany. The new solution, which includes Kyocera's battery storage system and Solare Datensysteme's energy monitoring software and hardware, can be combined with solar power generating systems to realize power generation and power storage at home, thus contributing to energy independence and reduced utility costs. Energetik will begin sales in May 2015.



Schematic of electricity flow combining a solar power generating system and new battery storage system

### Contact:

Kyocera Fineceramics GmbH  
Daniela Faust  
Leiterin Unternehmenskommunikation  
Hammfelddamm 6  
41460 Neuss  
Tel.: 02131/16 37 - 188  
Fax: 02131/16 37 - 150  
Mobil: 0175/7275706  
[daniela.faust@kyocera.de](mailto:daniela.faust@kyocera.de)  
[www.kyocera.de](http://www.kyocera.de)

Grayling Düsseldorf  
Jan Leder, Marina Engelhardt-Temme  
Rather Str. 49d  
40476 Düsseldorf  
Tel.: 0211/96 485 - 41/ - 47  
Fax: 0211/96 485 - 45  
[jan.leder@grayling.com](mailto:jan.leder@grayling.com)  
[Marina.engelhardt-temme@grayling.com](mailto:Marina.engelhardt-temme@grayling.com)

## Press release

In Germany, the expansion of renewable energy in recent years has caused concerns for instability in the electricity grid. Furthermore, in response to decreasing feed-in-tariffs for renewable energy and rising electricity costs, there is a growing demand for storage systems to facilitate the self-consumption of electricity created by solar power generating systems.

The storage system features a multi inverter which achieves a high charging efficiency of 97% while realizing a cost advantage for customers. Because the inverter and battery box are separated into two compact units, they can be installed easily and flexibly in homes. In addition, Solare Datensysteme's monitoring software and hardware, Solar-Log™\*, provides comprehensive data on the state of electricity usage, allowing users to further optimize energy use in their homes.

“With the growing use of solar energy, self-consumption is becoming increasingly important in order to reduce burden on the electricity grid,” said Nobuo Kitamura, senior executive officer and general manager of the Corporate Solar Energy Group at Kyocera. “As a pioneer in the solar industry with over four decades of experience, and the number one supplier of residential lithium-ion battery storage systems in Japan\*\*, Kyocera aims to further promote renewable energy by offering a comprehensive solution combining solar power generation and energy storage.”

Frank Rohland, Managing Director of Energetik, stated, “Since 1995, Energetik has been providing photovoltaic components in Germany with the strong belief that renewable energy will become more important in the future. Based on our expertise in this market, we will collaborate with Kyocera to offer high-quality storage batteries available all-in-one with Kyocera's solar modules and

### Contact:

Kyocera Fineceramics GmbH  
Daniela Faust  
Leiterin Unternehmenskommunikation  
Hammfelddamm 6  
41460 Neuss  
Tel.: 02131/16 37 - 188  
Fax: 02131/16 37 - 150  
Mobil: 0175/7275706  
[daniela.faust@kyocera.de](mailto:daniela.faust@kyocera.de)  
[www.kyocera.de](http://www.kyocera.de)

Grayling Düsseldorf  
Jan Leder, Marina Engelhardt-Temme  
Rather Str. 49d  
40476 Düsseldorf  
Tel.: 0211/96 485 - 41/ - 47  
Fax: 0211/96 485 - 45  
[jan.leder@grayling.com](mailto:jan.leder@grayling.com)  
[Marina.engelhardt-temme@grayling.com](mailto:Marina.engelhardt-temme@grayling.com)

## Press release

inverters, which reduce reliance on the electricity grid and can also be utilized without grid connection.”

“An intelligent energy management solution more than ever is the key factor for a responsible and sustainable global energy supply for everyone,” emphasizes Dr. Frank Schlichting, chief executive officer of Solare Datensysteme. “As a leader in the field of energy monitoring, power control and self-consumption management for more than 10 years, Solare Datensysteme is proud of contributing to the realization of this mission.”

## Features

### 1. Available in two sizes

4.8kWh and 7.2kWh batteries will be available, allowing customers to select the appropriate size for efficiently charging and consuming energy depending on their power usage.

### 2. Achieves high charging efficiency of 97% with multi inverter

The storage system features a multi inverter which incorporates functions of the solar power inverter and battery inverter. Because the energy created by solar power can be directly charged to the storage batteries, there is less electricity loss from conversion, thus improving the charging efficiency while reducing equipment costs.

### 3. Enables easy and flexible installation

By separating the inverter and battery box instead of integrating them into a single unit, the equipment is easier to carry and installation location is more flexible due to its compact size.

#### Contact:

Kyocera Fineceramics GmbH  
Daniela Faust  
Leiterin Unternehmenskommunikation  
Hammfelddamm 6  
41460 Neuss  
Tel.: 02131/16 37 - 188  
Fax: 02131/16 37 - 150  
Mobil: 0175/7275706  
[daniela.faust@kyocera.de](mailto:daniela.faust@kyocera.de)  
[www.kyocera.de](http://www.kyocera.de)

Grayling Düsseldorf  
Jan Leder, Marina Engelhardt-Temme  
Rather Str. 49d  
40476 Düsseldorf  
Tel.: 0211/96 485 - 41/ - 47  
Fax: 0211/96 485 - 45  
[jan.leder@grayling.com](mailto:jan.leder@grayling.com)  
[Marina.engelhardt-temme@grayling.com](mailto:Marina.engelhardt-temme@grayling.com)

## Press release

### 4. Allows access to comprehensive electricity data

Solar-Log tracks and provides data on electricity such as the amount of power consumption, electricity generated from solar power, energy charged to and discharged from the batteries, and current battery capacity. Users can check the data via computers, tablets and smartphones to further optimize their use of power.

\* Solar-Log is a registered trademark of Solare Datensysteme GmbH.

\*\* Largest supplier of lithium-ion storage battery systems for residential use in Japan. Based on research by Kyocera (as of March 12, 2015).

### For more information about Kyocera:

[www.kyocera.eu](http://www.kyocera.eu)

#### About Kyocera

Headquartered in Kyoto, Japan, Kyocera Corporation is one of the world's leading manufacturers of fine ceramic components for the technology industry. The strategically important divisions in the Kyocera Group, which is comprised of 230 subsidiaries (as of April 1, 2014), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the largest producers of solar energy systems worldwide, with more than 5 gigawatts of solar power having been installed around the world to date.

The company is ranked #531 on *Forbes* magazine's 2014 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of about 70,000 employees, Kyocera posted net sales of approximately €10.19 billion in fiscal year 2013/2014. The products marketed by the company in Europe include laser printers, digital copying systems, microelectronic components, fine ceramic products and complete solar power systems. The Kyocera Group has two independent companies in the Federal Republic of Germany: Kyocera Fineceramics GmbH in Neuss and Esslingen and Kyocera Document Solutions in Meerbusch.

The company also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation — established by Kyocera founder Dr. Kazuo Inamori — to individuals and groups worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (converted at present €362,000 per prize category).

#### Contact:

Kyocera Fineceramics GmbH  
Daniela Faust  
Leiterin Unternehmenskommunikation  
Hammfelddamm 6  
41460 Neuss  
Tel.: 02131/16 37 - 188  
Fax: 02131/16 37 - 150  
Mobil: 0175/7275706  
[daniela.faust@kyocera.de](mailto:daniela.faust@kyocera.de)  
[www.kyocera.de](http://www.kyocera.de)

Grayling Düsseldorf  
Jan Leder, Marina Engelhardt-Temme  
Rather Str. 49d  
40476 Düsseldorf  
Tel.: 0211/96 485 - 41/ - 47  
Fax: 0211/96 485 - 45  
[jan.leder@grayling.com](mailto:jan.leder@grayling.com)  
[Marina.engelhardt-temme@grayling.com](mailto:Marina.engelhardt-temme@grayling.com)

## Press release

### About Energetik

Energetik Solartechnologie-Vertriebs GmbH is a reliable partner for delivering photovoltaic components including solar modules, multi inverters, batteries and support systems. Since 1995, Energetik has been providing individual components and complete systems as a system provider and specialized wholesale trader in Germany. After 20 years of cooperation, Energetik became an authorized distributor of Kyocera's solar energy business in Europe, the Middle East and Africa. All components are assembled at the company's headquarters in Gütersloh and delivered ready-to-use, meeting various orders including small-size and set deliveries.

**Contact:** Energetik Solartechnologie-Vertriebs GmbH  
Nikolaus-Otto-Str. 18  
33335 Gütersloh  
Tel: +49 (0) 5241 50511 10  
Fax: +49 (0) 5241 50511 22  
E-Mail: [postfach@energetik.de](mailto:postfach@energetik.de)  
Website: [www.energetik.de](http://www.energetik.de)

### About Solare Datensysteme

Solare Datensysteme GmbH is the leading company in the area of solar monitoring and management. The specialist for inverter-independent "Made in Germany" monitoring systems uses the following combination as its basis: The Solar-Log™ monitoring device and the Solar-Log™ WEB reporting platform. Besides plant monitoring, SDS supplies numerous system enhancements providing effective support for operators and installers around the world. Thomas Preuhs and Jörg Karwath founded Solare Datensysteme GmbH in 2007. The PV monitoring market leader monitors more than 1.28 million MPP trackers in over 65 countries, producing over 9 gigawatts of power.

**Contact:** Solare Datensysteme GmbH (Germany)  
Marketing & Communication  
Monika Oesterle  
Tel: +49 (0) 7428 9418 217  
E-Mail: [m.oesterle@solar-log.com](mailto:m.oesterle@solar-log.com)  
Website: [www.solar-log.com](http://www.solar-log.com)

### Contact:

Kyocera Fineceramics GmbH  
Daniela Faust  
Leiterin Unternehmenskommunikation  
Hammfelddamm 6  
41460 Neuss  
Tel.: 02131/16 37 - 188  
Fax: 02131/16 37 - 150  
Mobil: 0175/7275706  
[daniela.faust@kyocera.de](mailto:daniela.faust@kyocera.de)  
[www.kyocera.de](http://www.kyocera.de)

Grayling Düsseldorf  
Jan Leder, Marina Engelhardt-Temme  
Rather Str. 49d  
40476 Düsseldorf  
Tel.: 0211/96 485 - 41/ - 47  
Fax: 0211/96 485 - 45  
[jan.leder@grayling.com](mailto:jan.leder@grayling.com)  
[Marina.engelhardt-temme@grayling.com](mailto:Marina.engelhardt-temme@grayling.com)