

Industry Sector Industry Automation Division

Hamburg, 22 September 2009
EU PVSEC Fair

New photovoltaic inverter family for professional solar plants

Siemens is set to substantially extend its share in the PV (photovoltaics) inverter market. A current IMS Research study has shown that the PV plant market is expected to grow by at least 30 per cent annually until 2013, with the expectation that the growth rate will be disproportionately high in the commercial and power plant segment. “To address this growth market we are extending our product portfolio to include the new powerful Sinvert PVM PV inverter range for medium-sized commercial plants”, Karlheinz Kaul, CEO of Siemens Systems Engineering Business Unit, stated at a Siemens trade press conference held on the occasion of the EU PVSEC fair in Hamburg. The new Siemens offering is aimed at both PV plant engineers and PV end users operating in the commercial segment. This user group typically requires inverters for rooftop systems installed on barns, schools or industrial buildings or simply on open spaces.

The Sinvert PVM inverters will initially be available in the 10, 13, and 17 kilowatt versions. A 20 kW addition is in the pipeline. The inverter family boasts a peak efficiency of 98.0 per cent which is achieved over a wide power range. “European efficiency” is around 97.5 per cent. This high efficiency provides the user with optimum system yields over a wide output range. The Siemens products deliver their full power output at a maximum ambient temperature of 50 degrees Celsius. The design of the new inverter is both robust and durable. With a small footprint and a low weight of only 40 kilograms, Sinvert PVM inverters require no external ventilator, and their IP65 protection makes them suitable both for indoor and outdoor use. In Germany, Siemens offers a five-year warranty as standard. Since the units come in an assorted range of different output levels they can be combined to form any size of system. They can be used in all isolated PV fields fitted with either crystalline or thin-film solar modules. Sinvert PVM will be available from November 2009 in the following countries: Belgium, Germany, France, Greece, Italy, Spain and the Czech Republic.

The new inverter family has been fully integrated into the Sinvert tool environment. The Sinvert web monitor tool is used globally to retrieve and analyze inverter and system data. It comes with an integrated automatic email alert option in the event of a fault. Sinvert Select enables optimal configuration of the PV system across the entire Sinvert inverter portfolio output spectrum.

“With our PV inverters we now cover the entire professional plant range – from the ten kilowatt level up to the megawatt league. Our high-performance Sinvert inverters reach peak efficiency levels in both our existing Sinvert offering and the new Sinvert PVM family. This high efficiency ensures optimum system yields for our customers”, Karlheinz Kaul continued.

Wherever PV systems are planned and built, explains Kaul, Siemens is on hand as a partner providing comprehensive customer care and services, logistics, additional tools and add-on components. Until now these services have applied mainly to the large power plant segment, in other words higher-performance plants. In this segment with its total global PV inverter output of 2.3 gigawatts in 2008, Siemens holds a market share of 13 per cent, making it one of the top players. With the new Sinvert PVM photovoltaic inverter family, Siemens now provides a complete portfolio for medium and large-scale commercial photovoltaic plants.

The new Sinvert PVM inverters are part and parcel of the Siemens environmental portfolio which generated sales of almost 19 billion EUR in 2008. This corresponds to around one quarter of the entire group revenue and makes Siemens the world’s biggest supplier of environmentally friendly technology.

For further information, please visit www.siemens.com/sinvert

A picture accompanies this press release. The photograph can be found on the Internet under: www.siemens.com/ad-bild/1943

The text of this press information can be found on the Internet under: www.siemens.de/automation/presse

Readers’ enquiries, mentioning the key word “IA1943”, should be sent to:

Siemens Industry Automation, Infoservice, P.O. Box 23 48, D-90713 Fürth

Fax: Fax ++49 911 978-3321 or e-mail: infoservice@siemens.com



Siemens is set to substantially extend its share in the PV (photovoltaics) inverter market. A current IMS Research study has shown that the PV plant market is expected to grow by at least 30 per cent annually until 2013, with the expectation that the growth rate will be disproportionately high in the commercial and power plant segment. "To address this growth market we are extending our product portfolio to include the new powerful Sinvert PVM PV inverter range for medium-sized commercial plants", Karlheinz Kaul, CEO of Siemens Systems Engineering Business Unit, stated at a Siemens trade press conference held on the occasion of the EU PVSEC fair in Hamburg. The new Siemens offering is aimed at both PV plant engineers and PV end users operating in the commercial segment. This user group typically requires inverters for rooftop systems installed on barns, schools or industrial buildings or simply on open spaces.

A picture accompanies this press release. The photograph can be found on the Internet under www.siemens.com/ad-bild/1943

For a duplicate of the picture, please give us a call.

Siemens press releases from Siemens Industry Automation can also be sent electronically. Please send us an e-mail.

Siemens AG
Corporate Communications and Government Affairs
Wittelsbacherplatz 2, 80333 München
Deutschland

Informationsnummer: IIA200909.1943d fp

Media Relations: Gerhard Stauss
Telefon: +49 911 895-7945
E-Mail: gerhard.stauss@siemens.com
Siemens AG
Industry Sector - Industry Automation Division
Gleiwitzerstr. 555, 90475 Nürnberg

The **Siemens Industry Sector** (Erlangen) is the world's leading supplier of production, transportation, building technologies and light systems. With integrated automation technologies and overarching industry solutions, Siemens increases the productivity, efficiency and flexibility of its customers in industry and infrastructure. The Sector includes six Divisions, i.e. Building Technologies, Drive Technologies, Industry Automation, Industry Solutions, Mobility and Osram. With a workforce of approximately 222,000 worldwide, Siemens Industry generated a profit of 3.86bn EUR and sales of 38bn EUR in fiscal 2008. <http://www.siemens.com/industry>.

The **Siemens Industry Automation** Division (Nuremberg) is a worldwide leader in the fields of automation systems, low-voltage switchgear and industrial software. Its portfolio ranges from standard products for the manufacturing and process industries to solutions for whole industrial sectors that encompass the automation of entire automobile production facilities and chemical plants. As a leading software supplier, Industry Automation optimizes the entire value added chain of manufacturers -- from product design and development to production, sales and a wide range of maintenance services. With around 42,900 employees worldwide Siemens Industry Automation achieved in fiscal year 2008 total sales of EUR8.7 billion.