

## Thyrobox™ M Sets New Industry Benchmark for Polysilicon Power Supplies

*Industry's most compact power solution offers unmatched  
reliability and stability for polycrystalline silicon deposition process*

Warstein-Belecke, April 27. AEG Power Solutions, the world's leading supplier of power supplies to the polysilicon industry, will launch the *Thyrobox™ M*, its newest generation of products, at the Photon Photovoltaic Technology Show in Stuttgart, Germany, 27-to-29 April 2010. With advanced process monitoring capabilities, a 0.95 power factor and more than 99% energy efficiency, the Thyrobox M delivers unprecedented performance, reliability and stability to polysilicon manufacturers worldwide.

"Our customers have told us that they want to increase production and enhance purity while reducing their operating costs, especially for energy consumption per kilogram of polysilicon," said Gladwyn De Vidts, AEG Power Solutions' Vice President Power Control Solutions Division. "Our Thyrobox M solution improves process stability, reduces down time and provides exceptional energy efficiency. It responds to customer needs and reinforces AEG Power Solutions' position as the technology leader in polysilicon power."

The undisputed pioneer in polysilicon process power supplies, AEG Power Solutions commissioned the first Thyrobox™, the power supply family specially developed for the polycrystalline silicon deposition process, more than 25 years ago.

Engineered with a modular design, the Thyrobox M is the world's most compact polysilicon power supply. Depending on the type of reactor, its footprint is about 25% smaller than older Thyrobox solutions and up to 70% smaller than competing products. The compact design reduces installation, commissioning and maintenance costs for the entire energy supply as well as building costs.

Additional Thyrobox M features include:

- Warning system and troubleshooting minimize the risk of process interruptions in case of silicon rod cracks or melts
- Integrated medium-voltage ignition enhances process stability
- Ongoing data collection and analysis through monitoring of energy consumption and silicon rods weight increase energy efficiency

## About AEG Power Solutions

AEG Power Solutions is a world leading provider of premium power electronics. It offers one of the world's most comprehensive product and service portfolios in power conversion and control, for customers spanning the infrastructure markets of energy, telecom, lighting, transportation and general industrial sectors. System solutions from AEG PS are designed to interface with the electrical power grid and to offer power solutions for mission-critical applications in harsh environments, such as power plants, offshore oil rigs, chemical refineries, and utility-scale renewable energy plants. Since 2005, the company has developed a full range of products for the solar energy industry, from solar inverters to turnkey solutions. The company is investing in solutions that will enable distributed power generation and smart micro-grids.

Renowned for engineering excellence, the company's customers benefit from over a century of expertise and field proven products under the AEG PS, Harmer & Simmons, and Saft Power Systems brands.

Headquartered near Amsterdam, AEG PS generated revenue of €400 million in 2009 with more than 1,500 employees around the world.

AEG Power Solutions became a public company in 2009 following a business combination with 3W Power Holdings Ltd. (formerly Germany1 Acquisition Ltd). Shares in the combined company are listed on Euronext Amsterdam (ticker: 3WP).

For more information: [www.aegps.com](http://www.aegps.com)

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