

PRESS RELEASE

Hybrid Energy Storage | Battery Energy Storage | March 6, 2018

Page 1 of 3

Energy Storage Europe 2018

13-15 March, Düsseldorf

Hall 8B / Stand C27



AEG Power Solutions Announces Convert SC Flex, its Upgraded & Flexible Storage Converter at Energy Storage Europe 2018

- Increased maximum power up to 1 MW
- Reduced costs and easier to maintain
- Flexible DC input range: ready for use with any types of battery

Warstein-Belecke, Germany, March 6, 2018 - AEG Power Solutions, a global provider of power supply systems and solutions for all types of critical and demanding applications, announces its upgraded storage converter, Convert SC Flex. The system has been completely revamped to increase the power range of each unit up to 1000 kVA* and to provide maximum flexibility on input power.

Convert SC Flex bi-directional power converter with IGBT technology is based on the extensive experience of AEG Power Solutions in both power supply and conversion. The new system benefits of an enhanced power range up to 1MW for a single unit and provides an outstanding conversion efficiency factor for both the charging and discharging phases. Convert SC Flex offers a wide range of DC input voltage which spans from 330 V to 1000 V. This allows to use the converter with any type of battery technology.

As the core element of any battery energy storage system, the converter charges and discharges batteries to store or provide power according to the application

**For further information,
please contact:**

Claire Pairault
Corporate Communications
AEG Power Solutions

Mobile +33 6 19 60 91 64
E-mail claire.pairault@aegps.com

Andreas Becker

Head of Grid & Storage
AEG Power Solutions

Phone: +49 2902 763 231
E-mail andreas.becker@aegps.com

PRESS RELEASE

requirement such as frequency control, peak shaving, energy shifting (temporary storage to re-inject power when maximizing profitability), or voltage control (often used to balance the voltage instability generated by integration of renewables in the grid).

Page 2 of 3

As its predecessor SC.600, the Convert SC Flex includes an option for seamless transition between off-grid and on-grid mode. This extends the battery energy system's usage beyond its core functions, such as peak shaving for system back-up in the event of a grid blackout. This feature is crucial when battery energy storage is used in areas where grid reliability is at stake or for full off-grid applications.

Thanks to the on-grid off-grid mode seamless transition capability, AEG PS solution for battery storage installation becomes ideally suited to support any type of energy storage application as well as simultaneously secure power supply for critical processes and infrastructure.

Convert SC Flex is one of the key component of the innovative hybrid energy storage solutions designed by AEG PS, which combines battery energy storage with Power-To-Heat and significantly reduces the cost of primary-frequency power operation. The solution has been chosen by swb Erzeugung AG & Co. KG (*swb*) a Bremen-based German utility for its primary-frequency control power operations and will become operational June 2018

"Convert SC Flex was designed based on our experience with SC.600 and our knowledge of market requirements, explains Andreas Becker, head of Energy Storage at AEG Power Solutions. Its full flexibility in terms of DC input as well as its increased power capacity makes it a solution of choice and excellence when it comes to power conversion for energy storage systems of any kind. The new design also optimizes the cost of the product but also simplifies its maintenance and consequently improves operational costs for our customers."

Convert SC Flex is available. AEG Power Solutions will be present at Energy Storage Düsseldorf to introduce it, hall 8B, Stand C27.

**) usable power varies according to battery voltage*

About AEG Power Solutions

AEG Power Solutions (AEG PS) Group is a global provider of power electronics systems and solutions for all industrial and demanding commercial power requirements offering one of the most comprehensive product and service portfolios in the area of uninterruptible power supply and power management. Thanks to its distinctive expertise bridging both AC and DC power technologies and spanning the worlds of both conventional and renewable energy, the company creates innovative solutions for next generation distributed power generation.

For further information, please contact:

Claire Pairault
Corporate Communications
AEG Power Solutions

Mobile +33 6 19 60 91 64
E-mail claire.pairault@aegps.com

Andreas Becker
Head of Grid & Storage
AEG Power Solutions

Phone +49 2902 763 231
E-mail andreas.becker@aegps.com

PRESS RELEASE

Page 3 of 3

AEG Power Solutions Group is the sole subsidiary of the holding company 3W Power S.A. (WKN A114Z9) / ISINLU1072910919), based in Luxembourg. The Group is headquartered in Zwanenburg in the Netherlands. The shares of 3W Power are admitted to trading on Frankfurt Stock Exchange (ticker symbol: 3W9K). For more information, visit www.aegps.com.

This communication does not constitute an offer or the solicitation of an offer to buy, sell or exchange any securities of 3W Power. This communication contains forward-looking statements which include, inter alia, statements expressing our expectations, intentions, projections, estimates, and assumptions. These forward-looking statements are based on the reasonable evaluation and opinion of the management but are subject to risks and uncertainties which are beyond the control of 3W Power and, as a general rule, difficult to predict. The management and the company cannot and do not, under any circumstances, guarantee future results or performance of 3W Power and the actual results of 3W Power may materially differ from the information expressed or implied in the forward-looking statements. As a result, investors are cautioned against relying on the forward-looking statements contained herein as a basis for their investment decisions regarding 3W Power.

3W Power undertakes no obligation to update or revise any forward-looking statement contained herein.

**For further information,
please contact:**

Claire Pairault
Corporate Communications
AEG Power Solutions

Mobile +33 6 19 60 91 64
E-mail claire.pairault@aegps.com

Andreas Becker
Head of Grid & Storage
AEG Power Solutions

Phone +49 2902 763 231
E-mail andreas.becker@aegps.com