



FOR IMMEDIATE RELEASE

June 5th, 2018

Contacts in China: Richard Li

pr@byd.com tel: +86-755-8988-8888-57548

In US: Shaun Kadlec, BYD

Shaun.Kadlec@byd.com tel: 1(800) BYD-AUTO

In Europe: Penny Peng, BYD

penny.peng@byd.com tel: +31-102070888

Local Media Contact:

Wibke Sonderkamp / Ralf Hartmann

wibke@gcpr.net / ralf@gcpr.net

+49-89-360-363-40

BYD presents expanded Battery-Box portfolio at Intersolar und ees Europe

A new generation of the low voltage Battery-Box, the Battery-Box Pro for commercial applications and the expanded partner portfolio with configuration examples show how BYD supports users on their path to self consumption

June 5th 2018, Munich – [BYD Co., Ltd.](http://www.byd.com), the world's leading supplier of rechargeable lithium batteries, will present its extended portfolio of the successful **Battery-Box** lithium storage systems series (previously named "B-Box") at Intersolar and ees Europe 2018 from June 20th to 22nd in hall B1.170. The expanded portfolio now supports even more application types of all sizes on their way to energy independence and self consumption. Visitors will also have the opportunity to take a look at the heart of the solution as BYD will showcase the different storage cells of the systems and to explore configuration examples with the extended portfolio of partner components featuring a variety of inverters.

"Europe is an important market for BYD. Our participation at Intersolar and ees Europe provides us with both an opportunity to meet our partners and customers as well as with valuable feedback on market trends and requirements," said Julia Chen, Global Sales Director, BYD Batteries. "The positive market reception of our Battery-Box storage system, which we introduced at ees 2017, was a key impulse to grow our energy storage portfolio and the regional partner network. Accordingly, we proudly present the expanded range at ees 2018".

Expanded Partner Portfolio and configuration examples support self-consumption

At Intersolar and ees Europe, BYD will show the expanded range of partner solutions in the field of inverters and present a selection of new compatible systems. At the booth B1.170 the company will also showcase configuration examples for the combined systems of storage solutions and inverters which demonstrate how the flexible modular storage system in combination with proven partner solutions can support the goal of many users

BYD COMPANY LIMITED

No.3009, BYD Road, Pingshan, Shenzhen, 518118, P.R.China

Office: +86-755-8988 8888-69666 | Fax: +86-755-8964 8800

– self consumption as well as the utilization as back-up in case of power-shortages. The showcases include the Battery-Box HV for a 3.7, a 5.0 and a 6.0 kW system with SMA inverters from the Sunny Boy Storage series in addition to the existing 2.5 kW system, which makes the combined solution even better suited for residential systems of any size aimed at self-consumption. Kostal will present a new configuration example with their 3-phase hybrid inverter Plenticore Plus, which will be newly available this summer. The showcased combined package of the Fronius Symo Hybrid inverter with the HV system will also be released soon. Configuration examples also include the combination of the Battery-Box LV with the new generation of the SMA Sunny Island.

New Battery-Box LV generation

After the successful introduction of the award-winning **Battery-Box HV** (high-voltage) lithium storage system in 2017, BYD now expands the low-voltage storage portfolio with the latest generation of the **Battery-Box LV**. At CES 2018 BYD presents the new **Battery-Box LV** (Low Voltage) 48 volt lithium storage system, which employs the successful modular design of the energy storage series with battery capacities ranging from 3.5 to 14 kWh in one system with one to four modules. The capacity can be scaled up to 42kWh with three systems connected in parallel. It is ideally suited for residential use and medium-size commercial applications.

The system provides a high discharge power and higher usable energy ratio than comparable systems in the market. It also employs BYD's patented innovative connection system which allows for an extremely easy plug-and-play installation without the need to connect cables. The new generation adds an automated support for the connection of three systems to make the scaling up to 42kWh even easier.

Battery-Box Pro for an increased demand for commercial applications

Catering to the growing demand for light commercial installation BYD will also showcase the successful **Battery-Box Pro** series. The system offers a usable capacity of 13.8 kWh with an operating voltage range of 40~59.2 volt. Up to 32 Battery-Box Pro 13.8 can be connected in parallel, scaling up to a capacity of 442 kWh. The system can be used for a wide range of applications – on as well as off grid and one to three phase projects.

Take a look into the heart of the solutions

Technology fans will have the opportunity to take a look at the heart of the energy storage solutions at the trade fair as BYD will show the different storage cells of the solution series.

Energy Hero Award and expert sessions

In cooperation with the [CleanEnergy Project](#), BYD will also host the *Energy Hero Award* by „[Europäische Energiewende](#)“ and on **June 20, 2018 at 3:30pm** at their **booth B1.170**. Europäische Energiewende is a German social media community with a focus on the European energy transition movement. The community's award honours persons with an outstanding engagement for renewable energies.

In the daily expert sessions Florian Blaser, EFT Systems, the European partner for the BYD Battery-Box will offer insights into application scenarios for the BYD Battery-Box as well as background information on the product range and BYD's company development.

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About BYD

BYD Company Ltd. is a leading high-tech multinational company based in Shenzhen, China. Since its establishment in 1995, BYD has developed solid expertise in rechargeable batteries, becoming a relentless advocate of sustainable development. It has successfully expanded its renewable energy solutions globally with operations in over 50 countries and regions. After 23 years' development, BYD has created a Zero Emissions Energy Ecosystem – affordable solar power generation, reliable energy storage, cutting-edge electrified transportation and a state of the art monorail – has made it an industry leader in the energy and transportation sector. BYD is listed on the Hong Kong and Shenzhen Stock Exchange. For more information, please visit <http://www.byd.com>.

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