

LG Chem approves the Ingeteam hybrid inverter for use with the RESU Series batteries

15th June 2016. LG Chem, a leading energy storage system manufacturer, has approved the use of its RESU 6.4 EX battery with the Ingeteam INGECON® SUN STORAGE 1Play hybrid inverter.

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With a capacity of 6.4 kWh, the lithium-ion battery made by LG Chem is designed for residential and commercial use, storing electricity and optimising the energy efficiency of the system, thanks to the stabilisation of the power supplied.

For its part, the Ingeteam inverter makes it possible to connect a PV array and a battery bank to the same unit, thereby reducing the cost of the system as a whole. This is a single phase, 3 to 6 kW inverter, designed for single and three phase residential and commercial installations alike.

Thanks to the inverter and battery combination, it is now possible to store the solar energy generated during the day, so that it can be consumed at night, thereby achieving the highest possible self-consumption rates and even offering the possibility of achieving complete energy self-sufficiency.

Moreover, Ingeteam is now testing LG Chem's new RESU 48V-Series batteries and will soon get the final approval certifying the total compatibility between Ingeteam's INGECON® SUN STORAGE inverter and LG Chem's RESU 48V-Series battery.

Both companies will showcase their new products at the Intersolar Europe fair, to be held from the 22nd to 24th June in Munich, Germany.

Visit Ingeteam at booth B2.430 and LG Chem at booth B1.510.

About LG Chem

LG Chem, Ltd. is Korea's largest diversified chemical company which operates three main business units: Petrochemicals, IT & Electronic Materials and Energy Solution. The chemical business manufactures a wide range of products, from petrochemical goods to high-value added plastics. It also extends its chemical expertise into high-tech areas such as electronic materials and rechargeable batteries field.

Based on the many years of experience in the development and production of batteries, LG Chem is one of the world's leaders in energy storage systems. As such, the company is a primary supplier for the mobile and automotive industry around the world. Entering the business of ESS in 2010, LG Chem has constantly developed and supplied innovative solutions for the ESS market segments such as Grid, Residential and UPS. Throughout multiple production facilities and an extensive distribution network globally, LG Chem has become a global leading company.

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About Ingeteam

Ingeteam is a leading company specialising in the design of power and control electronics (frequency converters, process automation and control systems), electrical machines (generators and motors), electrical engineering and generating plants. To date, Ingeteam has supplied 35 GW in power converters for renewable energy plants and is amongst the TOP 10 companies dedicated to the operation and maintenance of renewable plants, with a portfolio of more than 6.7 GW.

The company operates in all continents, and has a headcount of more than 3,500 employees around the world. Ingeteam invests 7% of its annual turnover in R&D, which is the backbone of the company's business activity.

For more information:

www.ingeteam.com

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