

Wrightbus to equip 420 buses with Forsee Power ZEN SLIM battery systems

Paris, May 30th, 2022 – 5:45 pm CEST – Forsee Power - (FR0014005SB3 – FORSE), the expert in smart battery systems for sustainable electromobility, announces the order of 420 ZEN SLIM battery systems by Wrightbus, the zero-emission leading bus OEM in the UK.

While Forsee Power has already equipped 1,200 electric buses worldwide, the market growth is accelerating, and the battery expert consolidates its position of European leader with Wrightbus and other bus OEMs but also in the off-highway, light vehicle, and rail markets.

A partnership since 2013 between two European pioneers for sustainable electromobility

Forsee Power and Wrightbus have been partnering since 2013; launching the first opportunity charging line in Europe. Since then, Wrightbus has been working with Forsee Power to integrate a wide range of technologies for its overnight charging and opportunity charging buses but also hydrogen buses that require battery systems together with the fuel cell.

Founded in 1946, Wrightbus has developed a full range of electric buses both standard and double-decker. Present in all main cities in the UK and Ireland, the Northern-Irish bus manufacturer has announced a plan for 3,000 zero emission buses by 2024 to operate in the United Kingdom, but also in the rest of Europe and internationally.

« *The story of bus electrification is accelerating. We started with a few units per project, then dozen, now hundreds, and soon thousands. The fleet of vehicles equipped with our batteries is planned to more than double in the next 12-18 months. We've been partnering with Wrightbus since the beginning of that journey, and such close link helped understand deeper market needs and develop the best offer in the market, constantly improving our technologies* » explains **Sébastien Rembauville-Nicolle, VP Business Development of Forsee Power.**

High-energy ZEN SLIM battery systems take Wrightbus double-deck buses further

Wrightbus was the first OEM to integrate ZEN SLIM, the thinnest modular battery systems in the world launched by Forsee Power early 2021. These first orders of 420 ZEN SLIM battery systems for 2022 include 3 versions of the extra-thin batteries – ZEN 11, ZEN 16 and ZEN 21 kWh – which represent close to 200 MWh of battery systems produced.

A key challenge for double-deckers is to embed enough energy to ensure all-day operations. Indeed, the structure of those buses does not enable to use the roofing space to place the batteries and those should not reduce passenger capacities.

ZEN SLIM batteries – whose extra flat format allows easy integration into the chassis of vehicles with optimal distribution of the weight – provide 333 kWh to 454 kWh to Wrightbus double-deckers and 333 kWh to 550 kWh to single-deck buses, ensuring high autonomy and overnight charging to electric buses that will run in many cities in the UK and outside. The buses can charge as fast as 2.5 hours and run 200 miles (320 km) in one single charge

« Our new double-deck bus powertrain equipped with FORSEE ZEN SLIM batteries is the highest battery capacity for a UK Double Deck bus and is also extremely energy efficient. Official assessments undertaken at UTAC using the ZEMO¹-accredited Ultra Low Emission Bus (ULEB) test showed that the StreetDeck Electroliner, achieved a result of 0.69 kWh/km. This is around half the energy consumed by its closest BEV double deck UK rival and significantly better than all other BEV single deck bus results published on the ZEMO website, making it the most efficient of its kind in the world. » **underlines Dr Robert Best, Director of Engineering at Wrightbus.**

In addition to ZEN SLIM, Forsee Power supplies PULSE high-power battery systems to Wrightbus for its hydrogen range. Indeed, Hydrogen is at the forefront of the Wrightbus offer, and together the two industrial players are leading the European fuel cell bus market.

¹ ZEMO Partnership is a non-profit founded by the UK Government and members to accelerate zero-emission mobility in the UK.



Wrightbus equipped with Forsee Power intelligent battery systems

About Forsee Power

Forsee Power is a French industrial group specializing in smart battery systems for sustainable electric transport (light vehicles, off-highway vehicles, buses, trains, and ships). A major player in Europe, Asia and North America, the Group designs, assembles, and supplies energy management systems based on cells that are among the most robust in the market and provides installation, commissioning, and maintenance on site and remotely. More than 1,200 buses and 100,000 LEV have been equipped with Forsee Power's batteries. The Group also offers financing solutions (battery leasing) and second-life solutions for transport batteries. Forsee Power recorded revenue from sales of EUR 72.4 million in 2021 and has more than 600 employees. For more information: www.forseepower.com | @ForseePower

Contacts

Forsee Power

Sophie Tricaud
Director of Communication,
Sustainability & Public Affairs
investors@forseepower.com

NewCap

Thomas Grojean
Quentin Massé
Investor Relations
forseepower@newcap.eu
+33 (0)1 44 71 94 94

NewCap

Nicolas Merigeau
Media Relations
forseepower@newcap.eu
+33 (0)1 44 71 94 98