



Press Release

Dumarey Green Power announces launch of Revolution Battery product

Falcon Tower Crane Services Ltd secures first production units as launch customer

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Dumarey Green Power, part of the Dumarey group, announces the launch of its Revolution Battery product at the Vertikal Days event with Falcon Tower Crane Services Ltd confirmed as launch customer.

Revolution Battery is an industrial battery energy storage system (BESS) which breaks the link between energy storage and output power.

Typical battery systems require large amounts of stored energy to generate high peak power. However, while many applications require high power, they only need this high power for a few seconds. As a result, comparatively little energy is used during operations. The required energy can often be supplied by the available mains connection or a small generator set. As a result, storing large amounts of energy often is not needed.

The Revolution Battery incorporates a battery pack which can deliver high amounts of power for a comparatively small amount of energy storage. This results in a smaller system with much reduced use of battery cells, higher efficiency and lower embedded emissions.

Revolution Battery comes with a full telematics suite allowing the system to be monitored, adjusted and even commissioned remotely, whilst regular environmental reports can be automatically sent to asset owners and end users.

Dumarey Green Power are pleased to announce that Falcon Tower Crane Services Ltd, one of the UK's largest tower cranes suppliers, is the launch customer for Revolution Battery. Falcon inked a contract to purchase the first production run even before the Vertikal Days show opened its doors. This deal extends the collaboration between Falcon and Dumarey Green Power, who also continue to work together on deploying a fleet of Peak Power 200 flywheel power systems into the market.

Revolution Battery is a valuable extension to the product portfolio that Dumarey Green Power is able to offer. By now Dumarey Green Power has deployed around 250 UK made & highly durable, flywheel energy storage systems. These have now saved in excess of 6.5 million litres of fuel & over 20,000 tonnes of CO₂. Where applications need a lot of energy, Dumarey Green Power deploys its second life battery products. These utilise energy dense battery modules that have been used on busses or trucks before becoming part of our PowerSkid and EnergySkid products.

Tobias Knichel, Managing Director of Dumarey Green Power commented "Fundamentally, Dumarey Green Power is about deploying resources with care. In line with our UK made flywheel systems and our 2nd life energy batteries, the aim of our new Revolution Battery product is to minimize the amount of battery cells that need to be used to achieve a high peak power. Revolution Battery not only saves on natural resources, but also allows the

heaviest tower cranes in the country to be powered from only a small mains supply. Revolution Battery will play a significant part in reducing the use of generators, avoiding wasted emissions & fuel usage.

I'm particularly pleased that our friends at Falcon Tower Crane Services Ltd have secured their position as Launch Customer for Revolution Battery. The team at Falcon has consistently achieved the highest utilisation rates of their fleet of our Flywheel energy storage systems. As such, the Falcon team have demonstrated that they are well placed to deploy innovative energy saving solutions to their valued customer base. We are looking forward to working together on launching Revolution Battery into the market in order to save more fuel & more emissions"

Andrew Brown, Managing Director of Falcon Tower Crane Services Ltd emphasised the strategic importance of extending the collaboration with Dumarey Green Power, "We are excited to deepen our partnership with Dumarey Green Power through the adoption of their groundbreaking Revolution Battery. At Falcon, we have always been committed to leveraging the most innovative technologies to reduce our environmental impact and deliver sustainable solutions to our clients. The collaboration marks a significant step in our efforts to further reduce our reliance on traditional diesel generators and move towards a cleaner, more energy-efficient future. The Revolution's Battery's ability to provide high peak power with minimal energy storage aligns perfectly with our operational needs and environmental goals. We look forward to showcasing this technology at Vertikal days alongside Dumarey Green Power."

The Dumarey Group is an independent supplier for the development, integration and production of high-performance powertrain solutions covering transmissions, engines and energy storage systems. Dumarey Green Power is its UK & Netherlands based subsidiary specialising in energy storage systems. Both flywheel as well as battery solutions are offered to a worldwide customer based. Its Turin-based subsidiaries specialize in engineering innovative propulsion systems and state-of-the-art control solutions. Combined expertise in development, manufacturing and technology integration through proven systems and processes enables the Dumarey Group to provide turnkey solutions. Dumarey's product range also includes transmissions (Dumarey Powerglide in Strasbourg and Bouthéon) and injectors and after-treatment solutions (Dumarey Flowmotion, formerly Vitesco Technologies Italy). The Group employs more than 3,000 people in 6 locations in Europe and Asia, with annual sales of about €1 billion. From its founding in 1983 until recently, the Dumarey Group was known as PUNCH.

Falcon Tower Crane Services Ltd is the UK's largest tower crane supplier, with a fleet of over 400 cranes, including luffing, saddle and self-erecting models. Serving not only the UK but projects across the globe. Falcon has established itself as a leader in the industry known for its exceptional expertise, reliability and commitment to quality. With a strong focus on sustainability, Falcon continually seeks ways to minimise its carbon footprint by incorporating cutting-edge technologies into its operations. The company is dedicated to offering environmental responsible solutions without compromising on performance, ensuring that they remain a trusted partner for clients worldwide.

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