Order over millions: e.battery systems manufactures batteries for electric motorcycles
Test rides with RGNT Motorcycles on August 4 in Dornbirn

Dornbirn, July 27, 2021 - e.battery systems GmbH in Dornbirn (Vorarlberg/Austria) will manufacture at least 10,000 batteries for the electric motorcycles of Swedish manufacturer RGNT in the coming years. The order is worth more than 30 million euros. e.battery systems developed the batteries to series maturity last year and has now also received the order for production. The e-motorcycles can be tested at the RGNT Motorcycles European Tour on August 4 in Dornbirn, the first time they can be tested in Vorarlberg.

The Swedish company RGNT Motorcycles is one of the pioneers in manufacturing electric motorcycles. It was founded in December 2018 by Jonathan Aström to build classically designed motorcycles with an environmentally friendly propulsion. RGNT unveiled its first prototype in May 2019 – at a time when major brands had hardly any electric motorcycles in their range. The retro-designed motorcycle was highly acclaimed by the trade press.

Exactly one year later, the manufacturer turned to e.battery systems, based in Dornbirn, to further develop the prototype battery for series production. The goal: cost-effective production, minimal weight with high performance, capacity, and the highest safety standards. To reduce production costs, mainly standard components are used in addition to some custom-developed parts.

Costs and performance optimized
"It was important to us that the motorcycle battery could be produced easily and with little effort. We have automated many steps in order to remain competitive in the long term," describes project manager Christoph Pürmair from e.battery systems. Improvements have also been made in the area of safety, for example by using non-flammable holders for the battery cells. e.battery systems concluded long-term contracts with the manufacturers of the cells, electronics and other components to guarantee the required reliability of supply.

The lithium-ion battery with a capacity of 7.7 kilowatt hours gives the RGNT No. 1 model a range of up to 120 kilometers. The weight of the battery is just 60 kilograms. It delivers a peak power of 11,000 watts. The top speed of the electric motorcycle is 120 kilometers per hour.

Multi-million order signed
Now e.battery systems was able to assure the order for the production of at least 10,000 batteries with a volume of more than 30 million euros. "Given the high growth rates for electric motorcycles, significantly higher quantities are also possible," says Christopher Schöpf, founder and CEO of e.battery systems. The batteries will initially be manufactured at the existing site in Dornbirn-Schwefel.

The company, which was only founded in 2019, expects enormous growth in the coming years. The number of employees is expected to double in the coming months from 30 to 60. e.battery systems develops and manufactures customized batteries for electric vehicles, construction machinery and industrial plants as well as energy storage systems for industry and commerce.

RGNT test drive for the first time in Vorarlberg

Info: www.e-batterysystems.com

To mark the cooperation with e.battery systems, RGNT has now scheduled a stop on its Motorcycles European Tour in Dornbirn. On August 4, the electric motorcycles in retro design can be viewed and test ridden for the first time in Vorarlberg at the company headquarters of Akku Mäser from 9 am to 5 pm. Appointments can be made online: https://testdrive.e-bs.at

Factbox:
RGNT Motorcycles European Tour

RGNT Motorcycles for the first time in Vorarlberg
- Time: 4. August 2021 from 9 am to 5 pm
- Location: Akku Mäser, Schwefel 38, Dornbirn

Information and registration: https://testdrive.e-bs.at

About e.battery systems
battery systems is a spin-off of Akku Mäser GmbH in Dornbirn and is positioning itself as a technology leader in the field of lithium-ion technology. With its own developments, the company has a technological lead in the areas of production technology, battery cooling and battery management systems. The products are used in electric vehicles, construction machinery and industrial equipment by many well-known manufacturers.

e.battery systems currently has 25 employees and plans to double its workforce by the end of the year. In addition to majority shareholder Christopher Schöpf (54.9 %), SIE Holding from Lustenau (12.6 %), Akku-Mäser owner Norbert Mäser (10 %) and several Vorarlberg entrepreneurs are involved as investors.

Captions:
RGNT-Scrambler-1.jpg to **RGNT-Scrambler-3.jpg:** The handmade electric motorcycles of the Swedish manufacturer RGNT can be tested for the first time in Vorarlberg on August 4. (Photo: www.viggolundberg.com)

RGNT-Batterie-e.battery-systems.jpg: Cost-effective production with high performance and Safety: e.battery systems has developed the batteries of the Swedish manufacturer RGNT to series maturity and will produce at least 10,000 units in Vorarlberg in the coming years. (Photo: Martin Schachenhofer)

e.battery-systems-Christopher-Schoepf.jpg: The founder and CEO of e.battery systems, Christopher Schöpf, expects enormous growth in the coming years. The number of employees is to be doubled from 30 to 60 in the coming months. (Photo: Martin Schachenhofer)

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