

Numbat – Press Kit

Status: November 2022

Startup Numbat

Numbat is a cleantech company from Kempten, Germany, founded in February 2021 and combines three worlds with its patented technology: A fast charging station (HPC) for the trendy topic of e-mobility, an integrated battery storage for energy management solutions in companies and all this with an environmentally friendly approach to combat climate change. The founding team consists of Martin Schall and Dr.-Ing. Maximilian Wegener, both long-time managers in battery technology.

Fast charging station and battery storage

Electromobility faces companies with major challenges. A look at the market shows that registrations of electric vehicles (EVs) are rising rapidly. At the same time, however, the installation of the necessary charging stations, in particular so-called fast charging stations or HPCs (High-Power Charger), is making only slow progress. The main reasons for this are the difficulty of connecting them to the power grid, high acquisition and installation costs, and long delivery times for transformers for transformer stations, for example.

The Numbat represents an economic overall solution that, in addition to a fast charging infrastructure, also implements various energy topics in companies. In the Allgäu region, the development of the first fast charging network with an average of one fast charging station every 10 KM will begin in December 2022. Numbat falls into the HPC category, includes a 200 kWh storage capacity and has up to 300 kW of charging power (or 2 x 150 kW, with two charging points). This allows it to fully charge an e-car to 80% in 10–15 minutes.

Unique advantages: anywhere & anytime

Since the Numbat is only connected to the existing low-voltage grid, only minor interventions in the power grid infrastructure remain, saving costs and effort. Thanks to the globally unique multi-lifecycle strategy, old or defective battery cells can be replaced. Recycling can thus triple the life of the battery. In addition to the significantly more efficient and cost-effective operation and use, the associated environmentally friendly aspect is also very important to the company. Thus, the Numbat obtains green electricity from renewable energy sources such as PV systems, hydroelectric power plants or wind turbines. In addition, the battery storage can be connected to the company grid, cap load peaks, relieve grids and much more.

Thanks to these technological advantages, the Numbat can be installed anywhere and quickly, is offered free to low-cost in the operator model, and ensures a sustainable expansion of the fast charging infrastructure.

Approx. 2,500 characters



Contact:

Uli Benker
Head of Marketing
E-Mail: uli.benker@numbat.energy
Phone: +49 (0) 831 9959 2524
Mobile: +49 (0) 151 2531 7790

Franziska Schmitt
Communication Manager
E-Mail: franziska.schmitt@numbat.energy
Phone: +49 (0) 831 9959 2513

As an applicant, please feel free to contact: karriere@numbat.energy

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Short text with 1,500 characters:

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