

ANTIGUA AND BARBUDA EAS BATTERIES GMBH



Who is EAS batteries? EAS Batteries GmbH: EAS has played an essential role in the transition to a world of high power electric equipment with its lithium ion cells and modules.



What makes EAS unique? Since its foundation in 1996, the brand EAS has kept the pioneering spirit of the company in the development and production of large format cylindrical Lithium-ion cells using a unique, compact and novel electrode production technology to guarantee the highest quality standards at the lowest environmental impact.



What does EAS do? On the road to success, EAS ensures its clients receive the best solutions through cell consulting, battery consulting, materials development, custom cell design, custom cell manufacturing and custom battery design.



Where can EAS solutions be used? Tailor-made EAS solutions are already adopted for aerospace and defense, submarine and marine, automotive applications in Europe, Asia and North America, and prominent business partners such as NASA are already powered by EAS cells. Our experts are happy to support you ??? simply contact us if you would like additional information or detailed advice.

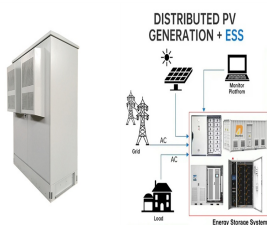


The world's first two-seater electric racing car runs on battery cells from EAS Batteries. Johnson Matthey designed the two-person electric racing car in cooperation with the Formula E team "Envision Virgin Racing". On 31 October 2021, the car was unveiled at the UN Climate Change Conference 2021 in Glasgow, Scotland.

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Michael Deutmeyer, Managing Director EAS Batteries GmbH, part of Monbat Group, talks about lithium-ion batteries and their prospects. Back to Latest. 2020-02-06 "Today's cell specifications of high-quality lithium ion cells are already technically excellent", says Michael Deutmeyer, Managing Director of EAS Batteries GmbH." The focus of current



EAS Batteries and ElevenEs, an industrial spin-off of the Al Pack Group in Subotica/Serbia, agree: ElevenEs' know-how of industrial foil coating and EAS' know-how of lithium ion technology could complement each other perfectly to a high production volume of high-quality LFP cells. EAS Batteries GmbH Lokomotivenstrasse 21 99734 Nordhausen



EAS Batteries has increased the charging speed of the EAS cell "HP 601300 LFP 22" from 3C to 5C. The latest cycling tests certify that the 22 Ah cell based on LFP has a continuous charge rate of 5C at complete discharge (100 % Depth ???



EAS Batteries GmbH is an established and specialized German manufacturer of large-format cylindrical lithium-ion cells (electrochemical energy storage) and battery systems which are particularly used in the aerospace, aviation, shipping and automotive sectors. Due to the flexibility of its production line, EAS can adapt its products to special



2MW / 5MWh
Customizable

EAS's 485Ah NCA cells are currently incorporated into a 1.2MWh battery ??? which needs to be replaced. In order to reduce weight, the new battery pack will be reduced by approximately 300kWh. EAS and PlanetSolar will ensure a second "stationary" life* for the used batteries after completing testing in Nordhausen.

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The current individual battery solution: A small series of extremely light battery test models with the proven EAS ultra-high power cells. Within five months, the EAS development department ???



Battery Engineering Service & Sales - Saint John Established in the 1980s, Battery Engineering Ltd has brought quality products and services to Antigua and Barbuda. We sell batteries of all ???



EAS Batteries is one of the few European companies developing and manufacturing Li-ion energy storage systems from the cell to the complete battery system. Its focus are applications which cannot be served well with batteries based on mass produced cells and systems. EAS Batteries GmbH Lokomotivenstrasse 21 99734 Nordhausen, Germany



The market for battery management systems (BMS) is on the verge of change. Hardly noticed by the user, these units of hardware and software are included in every battery. They monitor and control the cells contained in the battery. Their primary task is their safety function.

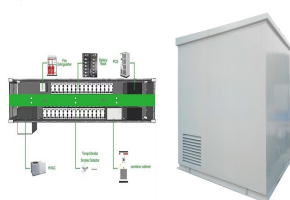


The EAS cell "HP 601300 LFP" gets an upgrade - from now on it stores 22 ampere hours. With this, EAS increases the capacity of the cell by ten percent by a tabless laser contacting process. That means more energy content while keeping the same C rate in the same physical dimensions. EAS Batteries GmbH Lokomotivenstrasse 21 99734 Nordhausen

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EAS Batteries is further developing its unique and patented electrode extrusion process. Extruded electrodes, similar to dry coating, consume hardly any solvents in production. Therefore, they are produced in a much more environmentally friendly, energy-saving and efficient way than in the wet coating process. EAS Batteries GmbH



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This specially design space grade cells offer a maximum of power density inside a sturdy, stainless steel housing with large terminals. This cell will pass any vibration test and has passed shock tests up to 10.000 g with ease already.



25 percent more energy content: With the new 50 Ah cell, EAS Batteries GmbH expands its range of large cylindrical cells with robust mechanical design and safe cell chemistry. The 50 Ah cell is particularly suitable for hybrid applications that require an optimal balance between power performance, energy density and safety.



EAS Batteries supports OneD Battery Science in the development of the SINANODE active material for use in round cells for the automotive industry. The aim is to develop a cylindrical cell in the 46900 format with the highest possible energy density and at the same time a long service life. EAS Batteries GmbH Lokomotivenstrasse 21 99734

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EAS Batteries has increased the charging speed of the EAS cell "HP 601300 LFP 22" from 3C to 5C. The latest cycling tests certify that the 22 Ah cell based on LFP has a continuous charge rate of 5C at complete discharge (100 % Depth of Discharge). The charging or discharging of the cell thus only takes twelve minutes instead of twenty.



EAS has been developing and producing large-format round cells for 25 years for a solid and steadily growing customer base. In the meantime, major automotive manufacturers also entrust EAS with the development of their new cells - due to the high and consistent quality of the existing EAS cell portfolio.



The survey vessel, which is around 16 metres long and 5 metres wide, is operated by the port company Bremenports GmbH. "The order from STA shows once again that the EAS concept of safe and flexible ship batteries works," says EAS Head of Sales and Marketing Dr Frank Diehl. "We are proud to make shipping greener and more sustainable.



EASy Marine (R), the modular LFP battery system for the maritime industry, complies with the European Standard of Technical Requirements for Inland Navigation Vessels (ES-TRIN). The market-leading maritime classification society DNV GL has now formally confirmed the IEC62619 and IEC62620 standards after successful testing and included them in the DNV GL certificate: ???