

Who is cleantron?

CLEANTRON, specialized in the design and engineering of high quality lithium-ion battery packs, comes to DEKRA for a full range of battery safety and performance tests according to the required standards.

What types of batteries does cleantron produce?

Cleantron produces inhouse batteries of 24V, 36V and 48V BMS platforms, which can be used to tailor battery packs to specific requirements such as for electric cycles, electric cargo cycles and new types of electric quadricycles. Cleantron's R&D, engineering and production efforts are aligned with the objective to:

Is cleantron a certified battery manufacturer?

Cleantron can develop Battery Modules and Battery Packs in compliance with Functional safety (IEC 61508; ISO 13849 and ISO 26262). The Cleantron development and production process is ISO 9001 and ISO 14001 certified. Cleantron is currently applying for IATF 16949. A good question is half the answer.

What is a cleantron battery management unit (BMU)?

The Cleantron Battery Management Unit (BMU) is a central processing, protection and control unit designed for both low voltage <60VDC and high voltage applications. The BMU is designed to meet safety standards compliance like the ISO26262 and IEC61508 for automotive and industrial applications.

How can cleantron help?

However, in order to optimize the functioning of the Battery for your Application, Cleantron can advise you and, if needed, customize the Battery Firmware. Together with Cleantron you can secure the Performance, (CANbus) Communication and System Integration in your Vehicle or Product.

How does cleantron test a battery pack?

CLEANTRON's test engineers worked closely with DEKRA's experts in putting their battery pack prototypes to the test with some of the most extreme testing imaginable: exposure to very high and very low temperatures, short circuit tests, forces of up to 8 g, vibration testing and drop testing.

Cleantron will design and build the Battery Modules for a 10 MioEUR European Project aiming for highest energy density per kg. due to a 20% lighter construction and engineered solutions for sustainable dismantling & recycling at the EoL.

Quick Battery Exchange or Opportunity Charging are the two most effective and common strategies to achieve the highest possible Uptime for an AGV. Cleantron is specialist in (Ultra) ...

A comprehensive insight into Cleantron's Circular E-Bike Battery solution has been published in Bike Europe. A sustainable future for e-mobility is made possible by CleantronCircular. Read the full article

Circular e-bike batteries ...

Cleantron has developed and incorporated advanced BMS solutions enabling Battery Modules to work together in different configurations: MPC: Parallel Discharge: Cleantron's Multiple Pack Configuration (MPC) firmware solution ...

The Dutch company Cleantron has presented a modular battery system for light electric vehicles (LEV) such as electric scooters and microcars. The system combines a permanently installed lithium-ion battery with ...

Cleantron is proud to support the future of mobility. Phoenix by TU/ecomotive is a great example of this innovation. Phoenix stands out because its materials can be recycled in a closed loop up to 75%, allowing for recovery and reuse in their original form for new products. The effectiveness of this process comes from using a minimal variety of [...]

The exhibition, to be held in Amsterdam, the Netherlands, June 21, 22, 23, 2022, is dedicated solely to showcasing the very latest and next-generation electric and hybrid marine battery and electric propulsion technologies and solutions.

At this Workshop on December 6 at the Automotive Campus, the entire battery technology chain will be discussed; from new chemistries, advanced battery management to recycling. Cleantron is presenting Advanced Modularity in Li-ion Systems for ...

A comprehensive insight into Cleantron's Circular E-Bike Battery solution has been published in Bike Europe. Read More » September 26, 2023 Blog. Exploring Battery Swapping Systems for Urban Mobility Cleantron is facilitating and supporting a major transformation in urban mobility by investigating battery-swapping technologies.

Die Produktion von Cleantron E-Bike-Batterien befolgt die europäischen Standardvorschriften, EN 50604, um die BMS und ihre Sicherheitsaspekte zu adressieren. Die Cleantron Circular ist mit verschiedenen E-Bike-Typen kompatibel und in in-tube und on-tube Varianten erhältlich.

Advanced Battery Modularity for the French market. Next Tuesday, February 2nd, @10:20 CET, Cleantron will be present at the online conference for French key players from Bretagne and Pays de la Loire in the e-mobility sector. The ...

Cleantron E-bike battery production implies the European standard regulations, EN 50604 to address their BMS and its safety aspects. In the context of batteries, this includes ...

Cleantron introduces the High Power Multi Pack Configuration (HP MPC) technology to the world of Urban Mobility and Last Mile Logistics. This innovative dual battery system, with a Fixed Battery in the Vehicle for optimal Power and compact light Portable Battery Cartridges for Range, offers unique independency on

Charging Infrastructure and an extended lifetime. Read [...]

Cleantron introduces the High Power Multi Pack Configuration (HP MPC) technology to the world of Urban Mobility and Last Mile Logistics. This innovative dual battery system, with a Fixed Battery in the Vehicle for optimal Power and ...

Cleantron, a Dutch developer and producer of high-quality lithium-ion batteries for OEMs, has developed the powerful battery system for light electric vehicles such as electric scooters and minicars. The HP MPC technology combines a built-in ...

CLEANTRON, producer of clean tech battery packs based on lithium chemistries, looks to DEKRA for a full range of battery safety and performance tests according to the required standards. The company's battery packs are used in high tech ...

Cleantron is preparing for the Autonomy Mobility World Expo in Paris on March 20-21, 2024, at Porte de Versailles, Pavillon 6. Visit us at the Netherlands Lounge. As Dutch representative, we'll be showcasing our cutting-edge batteries including Swappable CLP, Scalable High Voltage, e-bike battery.. For more details send us an email at info@cleantron, and schedule a meeting ...

Technology for Automotive Cleantron Batteries ASML Eindhoven. Skip to the content. Search. Search. Menu. Home; Products. Overview. Product Matrix 2024 (PDF) Basic Module. 24V passive cooling. P2X-LFP; P2P; P2X; GX; 48V ... Prev Previous Battery Systems for Non-road Applications. Next Meet Cleantron in Stuttgart Next.

Discover Cleantron's Batteries development in compliance with Functional safety; IEC 61508; ISO 13849 / Automotive Applications: ISO 26262. Skip to the content. Search. ... Cleantron can analyze your battery related problems and develop ...

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Discover Cleantron's Batteries development in compliance with Functional safety; IEC 61508; ISO 13849 / Automotive Applications: ISO 26262. Skip to the content. Search. ... Cleantron can ...

Discover cleantron Battery Modules, including the 2024 Circular e-bike battery and the Cleantron CLP-48V Module for Light Electric Vehicle. Skip to the content. Search. Search. Menu. Home; Products. Overview. Product Matrix 2024 (PDF) Basic Module. 24V passive cooling. P2X-LFP; P2P; P2X; GX; 48V passive cooling. CLP; P4P; P4X; GX; 48V active ...

Telit announced a partnership with Cleantron that provides a turnkey, end-to-end solution for optimizing the performance and cycle-life of Cleantron's battery packs. The partnership is the latest example of how Telit



Cleantron battery Croatia

enables solution providers in any vertical--including security, agriculture, retail, health care and more--to quickly and cost-effectively leverage IoT ...

At Cleantron the focus for Battery Management is on advancing the way we understand the Data that is gathered from the Cells. By developing smart algorithms, that understand what is sensed by the sensors in the BMS, the ...

Cleantron's new connected battery pack solution provides remote monitoring of the battery's health, temperature, voltage, current and state of charge data, which are critical for maximizing performance and cycle-life. Users also can track each battery's location, providing additional key insights into the status of high-value mobile ...

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Web: <https://animatorfrajda.pl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

