

What is cleantron battery module?

Cleantron has developed Battery Modules for Agricultural applications like e-tractors, farming feed robotics as well as specialist seed and harvest utility vehicles. Cleantron is specialist in fast charging and balancing algorithms for LTO Cells.

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.

What type of battery does cleantron offer?

Cleantron has a 48V LTO basic Module available (Cleantron L5), that can be customized to customer specifications. Alternatively, Portable Batteries for AGV's, allowing quick battery exchange ("battery swapping"), are often an economical and effective solution to avoid long downtimes or expensive charging infrastructure.

Who is cleantron?

Cleantron, located near Amsterdam is a specialist Producer of Li-ion Battery Modules for Industry 4.0, Light Electric Vehicles and the Automotive Sector. Having developed Cell Sensing Technology and Sense Making Algorithms, Cleantron uses advanced Battery Management Systems for, by example, Cycle-life Extension and Fast Charging.

When will cleantron start making battery packs?

As from 2023, Cleantron is gearing up for larger mainstream industrial series as well as mid-sized automotive series. Since 2014 Cleantron produces Battery Packs in her automated assembly plant, that are based on a Design for Assembly, Mechanical FEA and Thermal Analyses.

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 the most appropriate test for your application. We can have the tests executed in-house or in collaboration ...

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.

Cleantron participates at the IAA Frankfurt Motorshow. You can visit Cleantron in Hall 3.1, the New Mobility World. Please note that this futuristic Hall is only open on September 12 and 13 for invitees and open for the general public from 14 ...

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) Fast Charging and Balancing Algorithms for LTO Cells. Cleantron has a 48V LTO basic Modul available (Cleantron L5), that can be customized to customer specifications.

e-tron GT quattro > Audi e-tron GT > Audi | Hong Kong Official Website. e-tron GT quattro. Register your interest. Pure sportiness and progressive luxury. ... Battery from 5% to 80% charged in. 22.5. min. Range (WLTP) 487. km. 1 2. Functional and attractive - the wheels.

Cleantron is an independent, family owned, company and a high quality Battery producer with specialized engineering skills. Cleantron develops Batteries with the clear objective to produce the developed Battery designs. Alternatively, (in some cases e.g. in the Automotive Sector) we are willing to produce "Build-to-Print" Batteries.

E-Bike Akkus von Cleantron bieten eine hohe Reichweite, schnelle Ladezeiten und eine lange Lebensdauer. Diese Eigenschaften machen sie ideal für den täglichen Einsatz in der Stadt sowie für ausgedehnte Touren durch die Landschaft.

Based on years of experience with her 48V Portable Batteries, Cleantron has developed a novel battery system for compact, easy to use lightweight portable batteries in combination with a ...

The state of charge (SOC) of the high-voltage battery can be increased from 10% to 80% in approx. 21 minutes. Charging at home: For charging at home, you can choose from the Audi Wallbox models or the e-tron charging system compact with a charging capacity of 11 kW.

Yuasa Battery Inc is the leading manufacturer and distributor of batteries for motorcycles, ATV's (all-terrain vehicles), UTV's (side-by-side), snowmobiles, personal watercraft's and scooters. Yuasa is the industry standard for imported batteries for industrial applications such as UPS (uninterrupted power supply), security systems and ...

Hong Kong-based Achelous to clean up EV battery waste. A Hong Kong-based start-up is in talks to form the city's first plant to clean up waste produced by plants processing rare-earth metals for ...

Battery Certification Cleantron collaborates with DEKRA in Arnhem, the Netherlands, and other Certifying

Bodies in Europe and North America. Dependent upon the application, usage circumstances and geographic ...

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 strategy for managing the Battery Cells can be chosen more suitably. These sense making approaches trace back to our extensive ...

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 ...

Audi | Hong Kong Official Website Q8 e-tron Q8 e-tron. ¹ Wide shoulder space ² Wide elbow room ³ Maximum headroom ? Wheel size 255/55 R19 8,5Jx19 summer wheel ? Vehicle height with roof antenna Figures in millimeter Specification of dimensions for empty vehicle weight. Side view ; Top view; Front and rear view;

Battery charged from 10% to 80% in 28 mins at maximum DC charging power of up to 135 kW, and capable to charge up to 115km range in just 10 mins. Functional sportiness The progressive interior of the Audi Q4 e-tron is characterised by technological innovation, ...

Electrifying performance. In the Audi e-tron Sportback's* all-electric drive system, the front and rear axles each have an electric motor. Thanks to the total output of up to 300 kW (408 hp) and the maximum torque of up to 664 Newton-metres, the vehicle accelerates from 0 to 100 km / h in 5.7 seconds (Combined power consumption in kWh / 100 km: 25.8-21.6 (WLTP)).

Update: Meet Cleantron on November 30th - December 2nd 2021 at The Battery Show Europe, so you can see Cleantron's latest innovations. Battery Innovations like Fast Charging Solutions, Advanced Battery Modularity and Multi Pack Configurations for Parallel Discharge. Next to that Cleantron will present a new Battery Use Concept called High Power MPC.

With 30+ years of experience in the industry, we are expert on rechargeable battery system and energy solutions. By offering vast product ranges from world renowned brands, the batteries we supply are built with the latest technology and of premium quality. Our customer-oriented approach drives us to support customers from project planning, delivery logistic to product care.

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 portable battery modules weigh less than 10 kg. and can be employed like a laptop. To achieve this low weight Cleantron limits the discharge power, so that lighter wiring and smaller connectors can be used and

deterioration of the battery cells is limited. The portable battery modules are switched in parallel using the Cleantron MPC system.

Der Audi e-tron hat seine Vorreiterrolle als rein elektrisches Fahrzeug erfüllt. Darum ist jetzt die richtige Zeit, ihn auch namentlich in die Reihen der Audi Modelle aufzunehmen - als Audi Q8 e-tron.

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Q8 Sportback e-tron & Q8 e-tron & Audi | Hong Kong Official Website. Q8 Sportback e-tron. Order now. The new, fully electric Audi Q8 Sportback e-tron. We make sure new also means better. With facelifted premium designs, longer range and higher battery efficiency, The new Audi Q8 e-tron sets new benchmark for e-mobility in the progressive future.

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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.

Wenn die Lithium-Ionen-Zellen deines Cleantron 36V 11Ah Fahrradakkus von Van-Raam verschlissen sind, ist es an der Zeit für einen Zellentausch, um die ursprüngliche Leistung wiederherzustellen. Zusätzlich bietet dieser Zellentausch die Möglichkeit einer Kapazitätserhöhung, was bedeutet, dass du in der Zukunft längere Strecken zurücklegen und ...

e-tron charging power. Compared with the competitive environment, the charging performance of the Audi e-tron sets new standards. The 150 kW charging curve stands out for its high level of stability, based on intelligent battery management, which lowers the currents to protect the lithium-ion cells and ensure their service life.

Electrifying performance. In the Audi e-tron Sportback's* all-electric drive system, the front and rear axles each have an electric motor. Thanks to the total output of up to 300 kW (408 hp) and the maximum torque of



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