Hong Kong cleantron battery

What is cleantron battery module?
Cleantron has developed Battery Modules for Agricultural applicationslike 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 unitdesigned 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 Modulavailable (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.

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 ...

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 ...

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.

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)).

Cleantron is facilitating and supporting a major transformation in urban mobility by investigating battery-swapping technologies for small electric vehicles, such as city cars and light motorcycles. The Cleantron CLP is a lightweight and compact Battery Module specifically designed for quick and effortless manual battery exchange, also known as "Battery Swapping". Find out RAI ...

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 ...

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.

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 ...

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.

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 ...

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.

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 ...

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, ...

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 ...

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 ...

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.

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