

Does cleantron offer a 36V battery module?

Cleantron has a 36V Basic Module (HP-Bike) available that can be customised towards your needs. For electric Cargobikes Cleantron develops and produces more powerful 48V Battery Modules giving the extra power (HP variants) or range (UHD variants) which is normally needed.

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.

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.

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.

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 type of battery does cleantron offer?

Cleantron has a 48V LTO basic Modul 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.

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 ...

The Battery Show is going virtual for the first time. The exhibition is a leading meeting place for the advanced

battery and EV industry. So, meet Cleantron and discuss what you need to create the next great battery application. Get ready ...

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.

Circular e-Bike Battery a fusion of durability & sustainability. The Cleantron Circular e-Bike Battery opens up new horizons in the domain of e-bikes. This innovative battery brings together cutting-edge technology and eco-conscious design, redefining the way we power our e-Bikes. Key Features · Adjustable to your e-Bike Design: The Circular e-Bike Battery seamlessly adapts to ...

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 ...

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 ...

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 ...

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

WITH YOUR BATTERY SUPPLIER. Cleantron is located 20 minutes from Schiphol Amsterdam Airport. Home » Contact. ... Or call us on +31 (0) 71 887 60 76. Netherlands. Cleantron Pesetaweg 37 2153 PJ Nieuw-Vennep The Netherlands +31 (0)71 887 60 76 info@cleantron . France. Philippe Margueron Business Development France 10 Rue Hippolyte Mège ...

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.

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 ...

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 presentation is focused on our battery technology allowing new battery usage concepts (i.e. High Power MPC; see Cleantron [...])

A new Internet of Things (IoT) based battery pack enables remote monitoring of a battery's key metrics to manage and optimize the lifetime and health of A new IoT connected battery pack provides remote monitoring of ...

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.

Good battery design is very important for manufacturability, safety and battery life. Cleantron is developing batteries for new applications where these aspects are key. The embedded Battery Management System (BMS), together with the Lithium-ion Cells, form the heart of a Cleantron Battery and guarantees the safety and service life of the Battery.

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