

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 alligned with the objective to:

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.

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.

What's new at cleantron Berlin?

Cleantron will be in Berlin on January 23 & 24 to discuss our latest offerings for the non-road industry, including our advanced 48V Battery Modularity and scalable High Voltage (HV) Cleantron is proud to support the future of mobility. Phoenix by TU/ecomotive is a great example of this innovation.

What is cleantron GX?

The Cleantron GX is an advanced Battery Module designed for scalability and modularity in Voltage and Capacity. It is engineered for applications requiring mechanical integrity,IP rating,C-rates and scalability in Voltage and Capacity.

What is a cleantron P4P?

The Cleantron P4P is a compact Battery Modulesuitable for numerous Light Electric Vehicles and Industrial applications.The P4P can be used as a portable Battery Pack (suitable for quick battery exchange or "swapping") and can be used as a building block for a larger modular system up to 16 modules in parallel (for higher current and capacity).

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 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



# Cleantron battery Greece

Advanced Modularity in Li-ion Systems for ...

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.

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.

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](mailto:info@cleantron) , and schedule a meeting ...

Cleantron &#174; is a Specialist Producer of Li-ion Battery Modules. Cleantron &#174; produces Basic Modules (24V, 48V & High Voltage). Cleantron &#174; engineers and produces Tailored Modules for OEM.

Cleantron will be in Berlin on January 23 & 24 to discuss our latest offerings for the non-road industry, including our advanced 48V Battery Modularity and scalable High Voltage (HV) systems. Join us at the 8th Annual Electrification, Battery Development, and Automation of Non-Road Applications Forum, which will bring together senior executives for a two-day [...]

As a leader in the European li-ion battery industry, Cleantron supports the new regulations in order to create a safe and sustainable future. The purpose of these regulations is to facilitate the safe incorporation of energy storage technologies into a variety of applications, which include industrial machines and electric vehicles.

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 and connect with the advanced battery community from 18-20 May, 2021. For more info [...]

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 is a high quality Battery producer with specialized engineering skills. Cleantron develops Batteries to be produced by Cleantron. Alternatively, in some cases (e.g. in the Automotive Sector), we can produce "Build-to-Print" Batteries. This concerns then Battery Prototypes as well as Series Product for Automotive

Niche applications ...

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 ...

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 [...]

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.

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 markets, Cleantron can advise you on important certification topics. Due to her experience and collaborations, Cleantron can also manage ...

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.

Meet Cleantron at the the eMove360&#176; Europe 2022, the world's largest trade fair for Mobility 4.0 - electric - connected - autonomous. Our booth: Hub27 o 705. The trade fair presents the full range of future-oriented, sustainable electric mobility solutions, from urban & mobile design, material and process solutions, from automated driving and electronics to [...]

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 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 ...

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 ...

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 collaboration demo with Telit Although Telit withdrew participation of the Embedded World Exhibition & Conference, we would like to share with you what we would have showcased. Telit and Cleantron Cleantech Batteries would have displayed their collaboration with a demo of Telit's OneEdge technology. This demonstration has integrated software in Cleantron's ...

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WITH YOUR BATTERY SUPPLIER. Cleantron is located 20 minutes from Schiphol Amsterdam Airport. Home &#187; 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 M&#232;ge ...

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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 ...

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 &#187; Adjustable to your e-Bike Design: The Circular e-Bike Battery seamlessly adapts to ...

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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