



# Timor-Leste cleantron battery

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.

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.

Can cleantron develop SIL2 batteries?

Particularly for Light Electric Vehicles like e.g. Micro Cars and last-mile Vehicles, as well as for batteries applied in electric Motorcycles, Cleantron can develop SIL2 tailored batteries. The Cleantron development and production process is ISO 9001 and ISO 14001 certified. Cleantron is currently applying for IATF 16949.

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.

What is a cleantron LTO module?

Cleantron is specialist in fast charging and balancing algorithms for LTO Cells. Cleantron has a 48V LTO basic Modul available (Cleantron L5), that can be customised to customer specifications.

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.

Cleantron | 1.927 Follower:innen auf LinkedIn. Li-ion Battery System for Industry and Mobility. | Cleantron, based in the Netherlands, is a leading developer and producer of Li-ion Battery Modules and Systems. Our ISO-certified production and expertise in mechanical solutions ensure top-quality modules. Cleantron& #39;s



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battery packs are applied across diverse market ...

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 ...

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 ...

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.

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 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 ...

Join Cleantron at the "5th Annual Electrification & Battery Development for Non-Road Applications Conference" on January 13, 2022. At this online conference, Cleantron will present the latest developments in the area of advanced battery modularity for 48V & High Voltage systems. ... Cleantron is a Specialist Producer of Li-ion Battery ...

**MAKING GREEN AFFORDABLE** Precious Materials from a Precious Planet Recycling Battery Recycling At the End of Life (EoL) of a Battery, the EoL Battery contains precious metals. The mining of these metals is, by definition, an ecological burden and sometimes done under unethical circumstances. Cleantron actively investigates, collaborates and invests in an ethical, ...

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 ...

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battery packs are applied across diverse market sectors, including ...

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. ...

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 ...

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 &#183; Adjustable to your e-Bike Design: The Circular e-Bike Battery seamlessly adapts to ...

Because there are no peaks there is less warming and deterioration of the fixed battery, and this battery is used to the full. Cleantron offers a choice of three types of converters (48/48 V, 48/ ...

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 ...

Cleantron, the independent Dutch developer of lithium-ion batteries, has developed a powerful battery system for light electric vehicles such as electric scooters and minicars. Discover more brands like New Electronics. Engineering publications brought to you by Mark Allen. Menu.

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. ...

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.

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 has developed and incorporated advanced BMS solutions enabling Battery Modules to work



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together in different configurations: MPC: Parallel Discharge: Cleantron's Multiple Pack Configuration (MPC) firmware solution ...

Take your e-Bike to the next level with the Cleantron Circular e-Bike Battery. For more information, please contact us via [info@cleantron](mailto:info@cleantron) or call +31 (0)71 887 60 76. CONTACT US &#187; Cleantron. Pesetaweg 37. 2153 PJ Nieuw-Vennep. ...

Cleantron Cleantron develops and produces lithium batteries close to Amsterdam in Nieuw Vennep. Cleantron batteries are used in a variety of markets, at home and abroad. ... Good battery design is very important for manufacturability, safety and battery life. Cleantron is developing batteries for new applications where these aspects are key.

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 [...]

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.

Contact us for free full report

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