

CTEK LAUNCHES ISERIES BATTERY CHARGERS

A 24V charging solution for use in even the most demanding environment

CTEK a leading global brand in the care and maintenance of vehicle batteries has launched the I2420 (20A, 24V) and I2440 (40A, 24V) products; efficient, flexible and safe 24V battery chargers. Lightweight and compact, these two exciting new products will meet the individual needs of 24V batteries used in industrial applications, and maximize battery performance. With a great combination of selectable charging programmes, advanced technology and SMART safety features, the ISeries of chargers from CTEK will deliver the perfect 24V solution for industrial battery charging.

It cannot be disputed, the battery is the heart of any industrial vehicle. And for many of these vehicles, weight, space and the demanding environments that they are operating in are all important considerations - batteries are becoming smaller and the requirement for more regular charging is increasing.

Marcus Olofsson, Integrated Solutions Business Unit Manager at CTEK explains, "By not regularly charging the battery up to 100% capacity, the battery will be cycled more often than necessary, increasing stratification and drastically reducing capacity and battery life. And let's not forget that vehicle usage and behavior, battery chemistry and ultimately, how you charge, is critical in ensuring that battery performance is maximized."

The I2420 and I2440 battery chargers have been developed to meet the specific needs of the industrial sector with efficiency, safety and flexibility in mind.

Designed to be installed on a variety of 24V vehicles or situated in parking or service bays, each of these unique and flexible chargers share some key features:

INNOVATIVE TECHNOLOGY: unique 'Resonant Converter' transformer technology delivers high levels of current, with 94% efficiency, to achieve optimum charge levels in the shortest possible time. This unique approach to battery charging also enables the I2420 & I2440 units to work in extreme temperatures without de-rating (reducing) charge levels.

SELECTABLE CHARGING PROGRAMMES: different charging programmes (for different battery types, sizes and vehicle behaviours) are available to ensure the most appropriate charge. Both units are suitable for all types of 24V battery including normal wet/flooded, Calcium (Ca/Ca) and Gel, AGM, EFB and also Lithium LiFePO4.

Able to charge batteries from as low as 0.5V, the I2420 & I2440 units automatically revive deeply discharged batteries by using a specially developed charging algorithm.

SAFE: Advanced electronics make the I2420 and I2440 completely safe for permanent installation. Drive-off protection means that you can't start vehicle if it is connected to the charger. Reverse polarity and over voltage protection, along with a built-in temperature sensor make it completely safe for the battery, the vehicle and the user too.

PUTS YOU IN THE PICTURE: A series of LED lights on the main body of the charger show the state of charge of the battery, so you know when it's time to charge. A remote LED wire is available as an accessory if the charger is mounted somewhere that is difficult to see or to access. Both units log the last 200 individual charging cycles, including incomplete cycles, that can be downloaded by CTEK for analysis, if required.

DURABLE: The I2420 and I2440 chargers have been developed for use in even the harshest, environment, with Welded casing to create a completely sealed unit. Built with black anodised aluminium and IP64 rated (water and dust proof), the I2420 and I2440 chargers have a robust design.

Marcus Olofsson, Integrated Solutions Business Unit Manager at CTEK said "Having a 24V battery in optimum condition will ensure vehicle reliability and drastically reduce the risk of vehicle down-time – providing peace of mind and maximizing organizational productivity. Feedback we were getting suggests that flexibility, efficiency, durability and safety are all crucial factors when specifying battery charging solutions for these incredibly demanding industrial environments where the battery really is tested to the max. The I2420 and I2440 Chargers from CTEK meet all of these needs, using market leading technology that will maximize battery performance."

For more information about the I2420 and I2440 chargers please visit www.ctek.com

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About CTEK

- CTEK is a leading global brand in the care and maintenance of vehicle batteries
- A sister company to Creator Teknisk Utveckling AB, a leading research, design and product development consultancy, CTEK was established to design, manufacture and supply a new system of battery chargers that would meet the requirements of new generation vehicle batteries.
- CTEK is a world leading authority on battery technology, battery chargers and battery care and has built a reputation for being first to market with new products.
- CTEK chargers use patented technology to ensure that chargers condition, charge, and maintain all types of lead-acid and lithium (LiFePO4) batteries quickly, simply and safely.
- CTEK supplies chargers to the world's most recognised manufacturers including Audi, Bentley, BMW, Corvette, Ferrari, Jaguar, Lamborghini, Maserati, McLaren, Mercedes, Porsche, and Rolls-Royce.