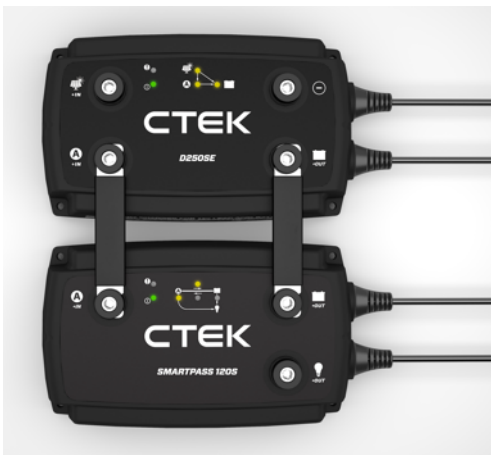


## **CTEK ON-BOARD CHARGING SOLUTION JUST GOT EVEN SMARTER!**

***With Smart Alternator compability, and dedicated programs for all 12V lead-acid and lithium (12V LiFePO<sub>4</sub>) battery types***



When it comes to maintaining sufficient power supply for your service battery, it doesn't matter whether you are on that road trip of a lifetime in your motorhome, taking a weekend trek into the wilderness in your 4x4, driving between jobs in your work van or setting out on your daily delivery schedule in your truck, you need your on-board charging system to get the job done quickly and reliably.

The ever increasing issues of larger power requirements, restrictions on space and weight, together with more complex vehicle technology and different battery chemistries mean smarter, more flexible and more effective solutions to on-board battery charging are needed – to give you peace of mind, whether it's work, rest or play.

To meet these increasingly complex power demands CTEK, a leading global brand in battery charging, care and maintenance has launched the CTEK D250SE (a 20A DC/DC battery charger) and the CTEK SMARTPASS 120S (a 120A power management system), giving you the ultimate on-board power solution – compatible with all 12V service batteries, including lithium (12V LiFePO<sub>4</sub>).

### D250SE

Compatible with smart alternators, the D250SE delivers a powerful 20A of power to charge, condition and maintain any 12V service battery whilst on the move. Its dual input capability means it can also draw power from solar sources...and it comes with some exciting features:

**Flexible charging:** an in-built temperature sensor compensates for hot or cold conditions, so your batteries are fully charged in the shortest possible time without the risk of over or under charging. It has three specially developed charging modes: normal (14.4V), AGM (14.7V) and lithium (12V LiFePO<sub>4</sub>).

**Direct connection for solar power:** input for connecting solar panels without the need for a regulator. It also features a Maximum Power Point Tracker (MPPT) to get the maximum power out of your solar panels.

**Smart alternator compatibility:** Smart alternators deliver a variable output and are shut off when they're not needed. The D250SE will still operate even when there is low alternator output, and maintain a stable output of up to 20A to fully charge your battery in the shortest time.

## **SMARTPASS 120S**

A fully automatic 120A power management system that distributes power between the starter battery, the service battery and on board equipment, without the need for traditional diodes or VSR relays. Key features of the SMARTPASS 120S include...

**Smart Alternator compatibility:** continuing to deliver power to the service battery even when there is low alternator output

**Current Source priority:** supplies power to critical equipment directly from the alternator when the engine is running. This means critical functions like starters, radios, emergency lights and communication systems always have the power they need, and take priority over non-critical functions.

**Start Assistance:** uses power from your service battery to help get your engine started if your starter battery is flat.

"Our new D250SE and SMARTPASS 120S units mean that we can guarantee solution to any 12V set-up regardless of vehicle set-up or battery chemistry – offering even greater flexibility." said Jerry Svedlund, Global Manager (Integrated Solutions) at CTEK. "Both of these unique units have been developed to work as standalone units or together as a complete system. Combined together, our powerful, safe and flexible charging solution gives you the ability to manage and control your power more effectively – whatever your requirements."

Each tough, durable and reliable unit comes with a two year warranty.

For more information about CTEK on-board charging solutions visit [www.ctek.com](http://www.ctek.com)

ENDS

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## **ABOUT CTEK**

- CTEK SWEDEN AB is a leading global brand in the care and maintenance of vehicle batteries. CTEK's unparalleled knowledge, and continuous investment in innovation, means they push the boundaries of research and development to bring new and unique battery charging technologies to the market.
- CTEK offers the market high-quality, reliable chargers and accessories that are effective, user friendly and, most importantly, safe (for the user, the vehicle electronics, the battery and the charger).
- With products and solutions for 6, 12 & 24V lead-acid & lithium (12V LiFePO<sub>4</sub>) as well as Electrical Vehicle batteries, CTEK products are designed and tested to deliver maximum performance in a range of different situations.
- CTEK sells over one million battery chargers each year across the globe and regularly tops independent battery charger competitive tests.
- CTEK supplies chargers to the world's most recognized manufacturers including Audi, Bentley, BMW, Corvette, Ferrari, Jaguar, Maserati, McLaren, Mercedes, Porsche, and Rolls-Royce.