



CTEK D250S DUAL

20A



BATTERY CHARGER FOR 12V LEAD ACID BATTERIES
Warning! Explosive gases - prevent flames and sparks. Before installing, study installation sheet. Due to high risk of short circuit, batteries should not be connected to power cords when installing the charger. Provide for good ventilation. Input: 10-22VDC, 18-25A Output: 12VDC, 20A. Multi step charging. Patented, see manual. Model: 1044. Designed & Developed in Sweden by CTEK SWEDEN AB. 1765 CE

NEW PRODUCT

CTEK D250S DUAL

SIMPLE SET & FORGET CHARGING

CTEK's D250S Dual offers a unique DIY dual battery system for alternative power and/or solar power that saves time and money.

FASTER CHARGING

The CTEK D250S Dual is a 5-step charger that automatically adjusts the charging voltage and current according to the battery's state of charge and temperature - reducing a battery's charge time.

A sensor on the CTEK D250S Dual senses the battery temperature and adjusts the required charge by increasing the voltage in cold weather ensuring the battery is fully charged, and dropping the voltage in hot weather to avoid the problems of overcharging.

With the CTEK D250S Dual, vehicle owners can be confident that their battery will always receive the optimal charging voltage, with reduced charge time, while ensuring the battery will be 100 per cent charged.



Fully automatic for optimal charging



For all lead-acid batteries

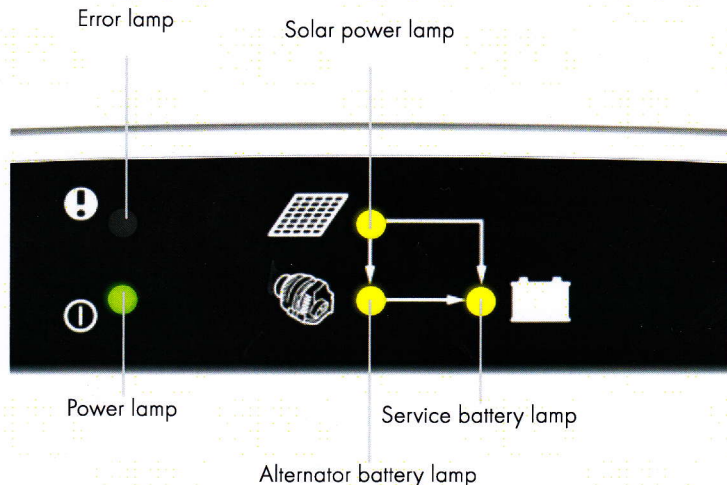
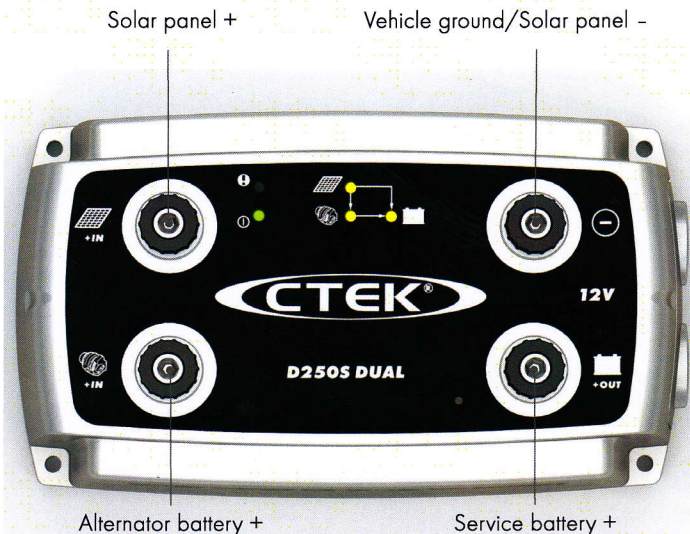


TECHNICAL DATA

CHARGING VOLTAGE	14.4V at 25C*
CHARGING CURRENT	20A
TYPE OF CHARGER	5 step, fully automatic charging cycle
TYPE OF BATTERY	12V lead-acid batteries
BATTERY CAPACITY	40-300Ah
INSULATION	IP65 (splash and dust proof)
ARTICLE NUMBER	56-677



THE SMARTEST BATTERY CHARGERS IN THE WORLD



FEATURES

- Multi-step charging from alternators and solar panels
- Battery separator that eliminates diodes and VSR relays
- Maintenance charge of starter battery
- Solar panel regulator with Maximum Power Point Tracking, synchronised with other current sources such as the alternator and/or wind
- Simplified installation of remote batteries for bow thrust of anchor winch

BENEFITS

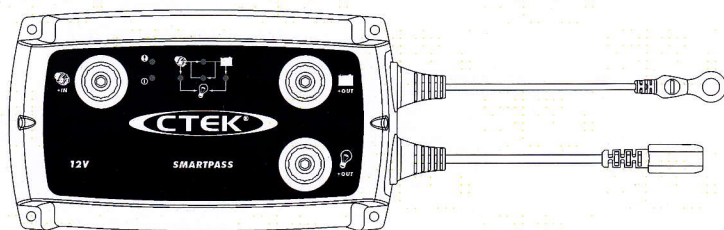
- Maximised battery life due to minimised undercharge time
- Maximised battery capacity by maintaining a positive state of charge which can lead to harmful sulphate crystals on the lead plates and stratification of the battery acid
- Ability to take charge automatically from any power source that is connected to the CTEK D250S Dual
- Reduced charging times and costs by decreasing engine idling and the dependency on AC power onshore through efficient use of alternator and solar power
- Reduced environmental impact through extended battery life
- Minimal installation time and cost

SUITABLE FOR

- Boats
- Campervans and RVs
- 4WDs
- Housing that rely on generators for extra electricity

COMPATIBLE WITH

CTEK SMARTPASS



SIMPLE AND AFFORDABLE

Any leisure vehicle with a dual battery system will benefit from the convenience and cost-savings of the CTEK D250S Dual. With two DC inputs – one for alternator power and one for solar power – batteries can be charged while on the move or when remaining stationary.

The simplicity of the CTEK D250S Dual makes it affordable as it doesn't need heavy gauge wiring, can be easily DIY installed, and doesn't require a solar regulator, or a VSR.

By transforming the standard alternator into a multi-step device when an on-road or marine vehicle begins running, the CTEK D250S Dual reduces the recharge time as the battery is constantly kept in a healthy charge range with minimal discharge. By preventing sulphation and stratification from occurring, the D250S Dual helps to increase the service life of the battery.

The CTEK D250S Dual also includes a battery isolator that simplifies installation in any 12V vehicle with a dual battery system.

SOLAR CONNECTION

The D250S Dual has the additional benefit of an auxiliary input which can be connected directly to solar panels without the need for a regulator, offering free power from the sun.

D250S Dual has a built-in Maximum Power Point Tracker (MPPT) that helps the solar cells produce power as efficiently as possible by taking the most efficient source of energy from the solar panels automatically, and then using the power to charge the battery.

The MPPT searches for the most effective combination of solar cell voltage and current, which ensures that the solar and alternator function in unison to maximise power output.

GUARANTEED QUALITY WITH CTEK

CTEK offers a 2 year guarantee on all DC/DC chargers. CTEK customer support is an appreciated service, both with regard to general questions or specific issues related to charging and CTEK chargers. Safety, simplicity and flexibility characterises all products and solutions developed and sold by CTEK. CTEK supply chargers to more than 60 countries throughout the world. CTEK is also a reliable OEM supplier to many of the world's most prestigious car and motorcycle manufacturers. Contact customer support: info@ctek.com