



DUAL INPUT 20A CHARGER WITH SELECTABLE CHARGE VOLTAGES

With award winning Swedish technology, the dual input D250SE allows you to enjoy your vehicle more with maximized battery capacity as the ideal charger for vehicles without access to a mains power supply.

ENJOY MORE AND RELAX

The D250SE is a fully automatic, 5 step charger that supplies up to 20A of power to any 12V lead-acid or lithium* service battery from 40-300Ah. It has selectable charge algorithms for AGM and lithium* batteries and can use power through its dual input from alternator and solar panel. When the service battery is fully charged, the D250SE will automatically redirect maintenance charge power to the starter battery. The D250SE can maintain a stable output up to 20A to vehicles fitted with smart ECU controlled alternators and also has a temperature sensor for optimised charging, regardless of weather conditions.

Compatible with SMARTPASS 120, SMARTPASS 120S for the ultimate 140A power management solution.

- 20A fully automatic temperature compensated charging for batteries from 40-300Ah while you're on the move
- Dual input (solar and alternator in parallel)
- Smart alternator compatible
- Selectable lithium* and lead-acid mode
- Solar panel regulator with Maximum Power Point Tracking (MPPT)
- Battery separation replacing diodes and VSR relays
- Selectable AGM option - 14.4V or 14.7V
- Maximised charging for better battery life and performance
- Temperature sensor to compensate for hot or cold conditions
- Splash and dust proof (IP65)
- 2-year warranty

*) 12V lithium batteries (LiFePO₄, Li-Fe, Li-iron, LFP)

D250SE



TECHNICAL DATA

INPUT	11.5-23 V, 25 A
OUTPUT	14.4/14.7 V, 20 A, lead-acid battery types. 14.2 V, 20 A, LiFePO ₄ .
BATTERY TYPES	12 V: WET, MF, Ca/Ca, AGM, EFB, GEL, LiFePO ₄
BATTERY CAPACITY	40-300 Ah
BACK CURRENT DRAIN*	Corresponding to less than 1 Ah/month
RIPPLE**	Less than 4 %
POWER SOURCE	12 V -> 12 V
BATTERY VOLTAGE	12 V
AMBIENT OPERATING TEMPERATURE	-20 °C to +50 °C (- 4 °F to +122 °F)
BATTERY CHEMISTRY	Lead acid, Lithium-ion
DEGREE OF PROTECTION	IP65
DIMENSIONS (L X W X H)	192 x 110 x 65 mm
NET WEIGHT (UNIT WITH CABLES)	0.7 kg
GROSS WEIGHT (UNIT IN BOX)	0.9 kg
WARRANTY	2 years

GUARANTEED QUALITY WITH CTEK

CTEK customer support is available to answer any questions related to charging and CTEK chargers. Safety, simplicity and flexibility characterizes all products and solutions developed and sold by CTEK. CTEK supply chargers to more than 70 countries throughout the world. CTEK is also a reliable OEM supplier to many of the world's most prestigious car and motorcycle manufacturers.

For more information visit WWW.CTEK.COM

*) Back current drain is the current that drains the battery if the charger is not connected to the mains. CTEK chargers have a very low back current.

**) The quality of the charging voltage and charging current is very important. A high current ripple heats up the battery which has an aging effect on the positive electrode. High voltage ripple could harm other equipment that is connected to the battery. CTEK battery chargers produce very clean voltage and current with low ripple.



All products and product specifications are subject to change without notice, to improve reliability, function or design. In the event of product error, we reserve the right to inspect the product and verify the fault. All product returns are subject to our standard warranty terms.

CTEK