

PRO25
PROFESSIONAL
12V 25A BATTERY CHARGER
AND POWER SUPPLY
FOR EVERYDAY PROFESSIONAL USE



CTEK | MAXIMIZING
BATTERY
PERFORMANCE

CTEK PRO25 **FOR EVERYDAY PROFESSIONAL USE**

The PRO25 from CTEK is an innovative, versatile and highly efficient 25A battery charger and power supply, designed around the needs of the automotive professional.

Combining power & advanced technology with safety, portability and flexibility to work with any 12V vehicle battery including lithium-Ion (LiFePO₄), the PRO25 is the perfect solution to professional battery charging, in the workshop or the showroom.



THE WORKSHOP

With around 1 in 4 vehicles entering the workshop with an undercharged battery, premature battery failure during vehicle service or repair is becoming increasingly common – not good for the workshop in terms of productivity and profit.

The PRO25 will restore, charge and recondition any type of 12V battery, quickly, safely and without disruption to the vehicle service or repair. It's also the perfect power supply during diagnostic or fault finding work, or if you need to protect important configurations when the battery needs to be disconnected from the vehicle.



THE SHOWROOM

When it comes to the showroom, the reputation of the sales person, the dealership and the vehicle brand are all under scrutiny. The failure to be able to fully demonstrate the vehicle during a sales discussion or handover, because the battery is depleted, is not only embarrassing but can lead to lost sales.

The PRO25 brings a powerful, yet lightweight & portable power solution to the showroom that can support the battery. It's safe and easy to use, small and quiet enough to hide under the vehicle. It's versatile too and can also provide battery charging and conditioning when showroom power is no longer required.

COMPATIBLE WITH ALL 12V CHEMISTRIES

The PRO25 is suitable for all types of 12V vehicle batteries including normal wet/flooded, Calcium (Ca/Ca) and Gel, as well as AGM and EFB batteries for stop-start vehicles and Lithium-Ion LiFePO₄. It's also compatible batteries from 40Ah to 500Ah (30Ah to 450Ah LiFePO₄).

CHARGES AND RECONDITIONS

Using advanced technology, the PRO25 will ensure that a safe, fast charge is delivered to exactly meet the needs of the individual battery. A built-in temperature sensor will adjust the charge rate, depending on temperature, to achieve maximum charge levels. The PRO25 also has a dedicated reconditioning programme to restore battery life and recondition flat batteries.

SAFE & STABLE POWER SUPPLY

Select SUPPLY mode if you need to support the battery during diagnostic or fault finding work. The PRO25 has low voltage ripple and current ripple and a range of integrated safety features, so it's safe for the battery and the vehicle's delicate electronic systems.





HIGH OPERATING EFFICIENCY

Innovative new design, using the latest technology for improved operating efficiency, reliability and protection against de-rating (a process whereby a battery charger will reduce power output as the operating temperature rises).

SAFE AND EASY TO USE

The PRO25 is full automatic and easy to use. It's also very simple to connect, spark proof and reverse-polarity protected to protect the user and also the battery.

LIGHTWEIGHT, PORTABLE AND EASY TO PLACE

The PRO25 is designed to ensure easy handling in both the workshop and the showroom. Whilst it's lightweight and portable, the rugged, impact-resistant casing means the PRO25 can handle the toughest environment.

EXTENDED CABLES

The PRO25SE has all of the features of the PRO25S and also comes with 6 metre charging cables for additional flexibility.

PRO25

TECHNICAL SPECIFICATION

Input	220-240VAC, 50-60Hz, 2.9A max
Output	14.4V/15.8V/13.6V, 25A max
Back current drain	Corresponding to less than 1Ah/month
Ambient temperature	-20°C to +50°C
Battery types	All types of lead-acid batteries, Lithium-Ion (LiFePO ₄) batteries, 12V, WET, MF, Ca/Ca, AGM, EFB, GEL
Battery capacity	40-500Ah, lead-acid battery types 30-450Ah, LiFePO ₄ battery types
Insulation class	IP44
Warranty	2 years
Start voltage	2.0V
Ripple	Less than 4%
Charge cables length	PRO25S: 2000 mm PRO25SE: 6000 mm (DC cable)
Mains cables length	1900 mm (AC cable)
Temperature compensation	External charge voltage temperature compensation sensor
Net weight (unit with cables)	PRO25S: 1.8kg PRO25SE: 3.2kg
Gross weight (unit in box)	PRO25S: 2.2kg PRO25SE: 3.9kg
Dimensions (LxWxH)	235x130x65mm

PRO25 ACCESSORIES

To support the use of the PRO25 in the workshop & the showroom, we have developed some versatile accessories:

WALL HANGER 300

- specially designed to enable the PRO25 to be mounted on wall or ramp posts. The WALL HANGER 300 features a hook for safely storing cables.

BUMPER 300

- helps protect the charger and the vehicle from bumps and scratches. Made from durable silicon rubber, the BUMPER 300 fits snugly round the body of the PRO25 for extra grip on slippery surfaces. It also has a carry handle for simpler portability (not suitable for use with the PRO25SE).

TROLLEY PRO

- carry all of your charging equipment on this custom designed, heavy duty trolley. It has a specially designed areas for placing laptops, testers, batteries etc. and hooks for handy storage of the PRO25 charging cables. There is also a special mounting plate to securely house up to two PRO25 units, a portable solution if you want to deliver up to 50A to a 24V system.



PRO25

KEY PRODUCT FEATURES

- Suitable for all 12V battery types: normal wet/flooded, Calcium (Ca/Ca), Gel, AGM, EFB & Lithium-Ion (LiFePO₄).
- Dedicated Lithium-Ion (LiFePO₄) mode.
- Compatible with batteries from 40Ah to 500Ah (30Ah to 450Ah LiFePO₄).
- SUPPLY mode to support the battery during diagnostic or fault-finding work.
- Fully automatic and easy to use. Simple to connect, spark proof and reverse-polarity protected.
- 2 year warranty.

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