

## PORTABLE OR MOUNTED POWER SUPPLY AND CHARGING

*PRO25SE delivers up to 25A of battery support power, along with fully automatic 8-step charging and maintenance, and comes supplied with 6M cables for maximum flexibility.*

### **EVERYDAY WORKSHOP POWER**

PRO25SE has been designed to be easily carried around or fixed with the supplied wall hanger, so it's always ready. It's easy to use with a reliable 12V power supply for code reading, circuit testing and fault finding. The constant supply also ensures that the vehicle's data isn't lost and prevents any damage to sensitive electronics or the vehicle's ECUs.

PRO25SE offers fully automatic 8-step charging and maintenance for all lead-acid batteries, including lithium\*. It has automatic temperature compensation for ambient temperature in conditions between -20°C and +50°C (-4°F to +122°F).

It also features automatic parallel load compensation which makes sure that power supply voltage and amperage are always constant and correct, even if the battery has an additional load placed on it during diagnostic work.

### **WHY CTEK BATTERY SUPPORT?**

Battery support is an essential tool for all types of diagnostics, service and repair work in the modern workshop. CTEK professional 12V and 24V battery support products give you powerful supply, charging and maintenance programs in versatile, highly efficient units that will help save you valuable time and money.

- Up to 25A of battery support
- 12V power supply support for code reading, electrical circuit testing and fault finding
- Fast, fully automatic 8-step charging
- 'RECOND' step for to bring deeply discharged lead-acid batteries back to life
- Supplied with heavy duty 6m charging cables and mounting kit
- Charger type: 8-step, fully automatic charging cycle
- Work with all 12V battery types, including Lithium\* (LiFePO4)
- Low 2V start up voltage for charging
- Extremely low ripple
- Automatic parallel load compensation
- Automatic temperature compensation
- Degree of protection: IP44
- Warranty: 2 years
- Accessories: optional BUMPER 300 silicone protector

\*) 12V lithium batteries (LiFePO<sub>4</sub>, Li-Fe, Li-iron, LFP)

**PRO25SE****TECHNICAL DATA**

|                               |   |
|-------------------------------|---|
| INPUT                         | 220-240 VAC, 50-60 Hz, 2.9 A  |
| OUTPUT                        | 14.4/15.8/13.6 V, 25 A, lead-acid battery types.<br>13.8 V/14.4 V/13.3 V, 25 A, LiFePO <sub>4</sub> * |
| POWER SUPPLY                  | Max. 25 A, 13, 6 V  |
| CHARGING VOLTAGE              | Lead acid: 14.4V/15.8V/13.6V<br>Lithium: 13.8V/14.4V/13.3V  |
| CHARGER TYPE                  | 8 step, fully automatic charging cycle  |
| BATTERY TYPES                 | 12 V: WET, MF, Ca/Ca, AGM, EFB, GEL, LiFePO <sub>4</sub>  |
| BATTERY CAPACITY              | 40-500 Ah, lead-acid battery types. 30-450 Ah, LiFePO <sub>4</sub> *                                  |
| START VOLTAGE                 | 2.0 V   |
| PARALLEL LOAD COMPENSATION    | Automatic   |
| BACK CURRENT DRAIN*           | Corresponding to less than 1 Ah/month   |
| RIPPLE**                      | Less than 4 %   |
| AMBIENT OPERATING TEMPERATURE | -20 °C to +50 °C  |
| TEMPERATURE COMPENSATION      | External charge voltage temperature compensation sensor   |
| BATTERY CHEMISTRY             | Lead acid, Lithium-ion  |
| DEGREE OF PROTECTION          | IP44  |
| DIMENSIONS (L X W X H)        | 235 x 130 x 65 mm   |
| MAINS CABLE LENGTH            | 2m (AC cable)   |
| CHARGE CABLE LENGTH           | 6 m, 6 mm <sup>2</sup> (DC cable)   |
| NET WEIGHT (UNIT WITH CABLES) | 3.2 kg  |
| GROSS WEIGHT (UNIT IN BOX)    | 3.9 kg  |
| WARRANTY                      | 2 years   |

\*) 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.

**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](http://WWW.CTEK.COM)

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**