

# CTEK

**CTEK PRO120**  
**POWERFUL BATTERY SUPPORT FOR**  
**THE PROFESSIONAL WORKSHOP**



## **CTEK PRO120**

### **POWERFUL BATTERY SUPPORT FOR THE PROFESSIONAL WORKSHOP**

*Fully automatic 120A battery support unit with incremental voltage (12.6V-14.8V) power supply and 8-step battery charger and maintainer for precise control over the most demanding fault finding, service and repair procedures.*

*Fast reaction to sudden power spikes, state of the art fanless cooling system and extremely low ripple means diagnostics and programming can be carried out quickly, efficiently and with confidence.*



### **WHY YOU NEED CTEK BATTERY SUPPORT**

Battery support is an essential tool for all types of diagnostic, service and repair work in the modern workshop. Any work on any vehicle demands a constant, reliable power supply – if the voltage dips, sophisticated diagnostic programs can fail and could also damage the vehicle's ECUs. That's a time consuming and potentially very expensive situation to be in.

Like all CTEK PRO Series products, PRO120 has 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.

CTEK's technologically advanced PRO120 gives technicians the confidence to carry out critical procedures safely, efficiently and without disruption, saving time and money.





### Precision 120A power supply

Maintains a constant 12V support voltage to avoid damage to the vehicle's sensitive electronics, whatever load is being applied. It delivers the precise voltage selected with low ripple.

PRO120 reacts extremely quickly to sudden power spikes so voltage and amperage are kept accurate and steady at all times - an essential requirement for all diagnostic and programming work.

### Selectable output voltages

Some vehicle manufacturers and certain workshops specify a minimum service voltage. In 'POWER SUPPLY' mode, you can select the exact output voltage in increments of 0.1V, from 12.6V to 14.8V.

### Fully automatic 8-step charging

Simple, easy to read, multilingual LCD display gives you total control when charging 12V lead-acid and lithium batteries. Special 'AUTO ADAPTIVE' mode automatically analyses lead-acid batteries and selects the optimal current.

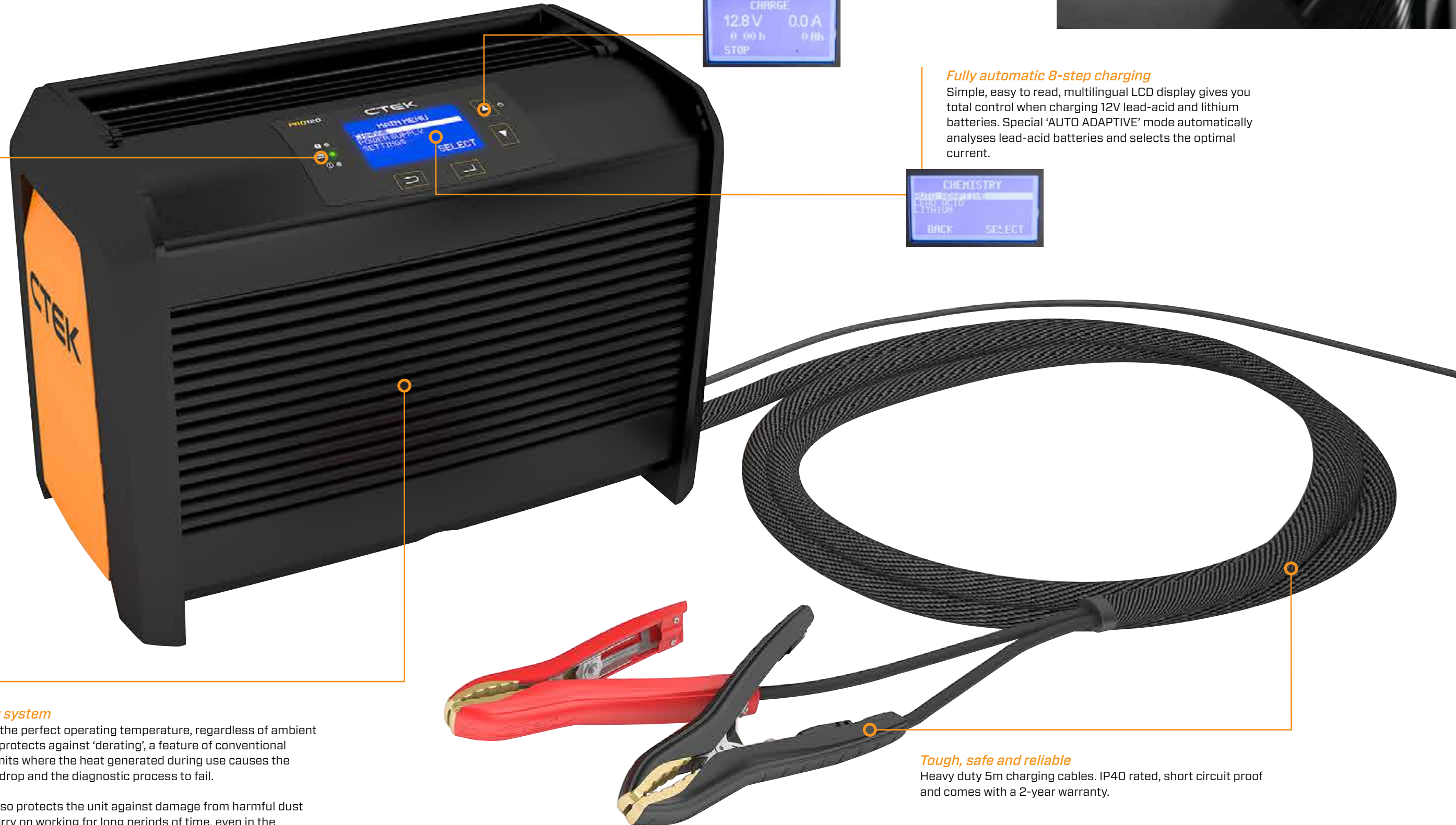
### Fanless cooling system

Keeps PRO120 at the perfect operating temperature, regardless of ambient heat or cold. This protects against 'derating', a feature of conventional battery support units where the heat generated during use causes the output voltage to drop and the diagnostic process to fail.

Fanless cooling also protects the unit against damage from harmful dust so PRO120 can carry on working for long periods of time, even in the toughest conditions.

### Tough, safe and reliable

Heavy duty 5m charging cables. IP40 rated, short circuit proof and comes with a 2-year warranty.



## KEY PRODUCT FEATURES

- Up to 120A of battery support
- Power supply with selectable 0.1V increments from 12.6V to 14.8V
- Extremely low ripple
- Silent, fanless cooling system to protect against de-rating
- Suitable for all types of 12V batteries, including lithium iron phosphate
- Adaptive charging automatically analyses lead-acid batteries and selects the optimal current
- Over voltage and over temperature protection

## TECHNICAL INFORMATION

Power supply	Max 120A, selectable 0.1V increments from 12.6V to 14.8V
Charging voltage	Lead acid: 14.4V/15.8V/13.6V, Lithium: 13.8V/14.4V/13.3V
Battery types	12V Lead acid: Wet, Ca/Ca, AGM, EFB (Start/Stop types) and Gel 12V Lithium: LiFePO <sub>4</sub>
Battery capacity	Lead acid: 10-3600Ah, Lithium: 15-1200Ah
Start voltage	Low 0.8V start up voltage for charging
Parallel load compensation	Automatic
Ripple	Less than 4%
Ambient operating temperature	-20°C to +50°C (-4°F to +122°F)
LCD display	Multilingual, easy to read
Degree of protection	IP40
Mains cable length	2.5m (AC cable) - detachable
Charge cable length	5m, 25mm <sup>2</sup> (DC cable) - detachable
Net weight (unit with cables)	13.77kg
Warranty	2 years

## SUITABLE ACCESSORIES

### TROLLEY PRO

Carry all of your test equipment with this custom designed, heavy duty trolley.



### WALL HANGER PRO60/PRO120

Specially designed to enable the PRO120 to be mounted onto the wall or ramp posts.





## ***WHY CHOOSE CTEK?***

CTEK invented the smart charger over 25 years ago and is now the leading global brand in vehicle battery support, care and maintenance.

Our professional range of battery support equipment and chargers is high quality, tough and reliable, and used in a wide variety of applications, from professional workshops and showrooms to domestic use.

CTEK's PRO120 has been endorsed by Mercedes Benz parent Daimler AG, after several months of extensive testing, adding: '...a high power charger is not just a luxury, but an entirely indispensable tool that should be a part of every XENTRA Diagnostic Kit'.

We also produce branded chargers for over 50 of the world's biggest and most prestigious car manufacturers.

We offer the ultimate in battery support and charging for all types of vehicle. Packed with new and unique features, our extensive range of products maximises battery performance and delivers the complete vehicle and battery support solution.

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