

PRO60
PROFESSIONAL
12V 60A BATTERY CHARGER
AND POWER SUPPLY
INNOVATIVE. VERSATILE. EFFICIENT.



- For all types of 12V batteries, including Lithium (LiFePO₄)
- Unique 'Adaptive' Charging Mode (Pat. Pending)
- Stable power supply with variable voltage selection
- High operating efficiency with fan-less cooling
- Safe and easy to use
- 2 year warranty

CTEK PRO60 **BATTERY** **MANAGEMENT** **REDEFINED**

The PRO60 from CTEK is an innovative, versatile and highly efficient 60A battery charger and power supply, designed around the needs of the modern workshop.

With its unique combination of cutting-edge design, advanced technology and innovative features, no other battery management tool provides such a comprehensive solution to professional battery charging, care and support.

*Safe for the
battery and
the vehicle's
sensitive
electronic
systems*





*Designed around
the needs of the
modern workshop*

BATTERY CHARGING

With around 1 in 4 vehicles entering the workshop having an undercharged battery, premature battery failure during service or diagnostic work is becoming increasingly common – not good for the workshop in terms of both productivity and profit. With the PRO60 these problems can be avoided. The PRO60 restores charge and reconditions the battery using a patented multi-step charging process. It's compatible with all types of 12V battery, including Lithium (LiFePO₄). The PRO60's unique patent applied for 'Adaptive Charging' mode automatically applies the appropriate settings required for the size of battery, making operation quicker and easier than ever before.

POWER SUPPLY

The PRO60 is the perfect power supply for diagnostic or software flashing work. Fault-finding with diagnostic tools should only be carried out whilst the vehicle is connected to an adequate and stable source of power to avoid inaccurate data being sent back to the diagnostic device. Similarly, a precise and stable voltage is necessary during ECU programming to avoid irreparable damage to the vehicle's electronic control systems. With its variable yet extremely stable output, due to its inherently low voltage and current ripple and integrated safety features, the PRO60 is safe for the battery and the vehicle's sensitive electronic systems.

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INNOVATIVE DESIGN, INNOVATIVE TECHNOLOGY

The radical design of the PRO60 allows for convection cooling through a central cooling core, which eliminates the need for cooling fans and improves operating efficiency and reliability. Unique 'Resonant Converter' transformer technology delivers even high levels of current with total efficiency and stability even at high ambient temperatures.



COMPATIBLE WITH ALL CHEMISTRIES

The PRO60 is suitable for all types of 12V battery including normal wet/flooded, Calcium (Ca/Ca) and Gel, as well as AGM and EFB batteries for stop-start vehicles and Lithium LiFePO₄.

It's also compatible with all sizes of battery from 10Ah to 1,800Ah (15Ah to 600Ah LiFePO₄), making the PRO60 the only battery management tool you'll ever need.

VARIABLE POWER SUPPLY SELECTION

Many vehicles must be supplied with a precise voltage before diagnostic fault-finding, ECU flashing or re-programming can be performed. The PRO60 offers total flexibility for the user with 12.6V to 14.8V available, selectable in 0.1V increments.

The PRO60 features two Power Supply modes depending on whether or not the battery is present in the vehicle. If the battery needs to be removed, a 'Memory Saver' Power Supply mode allows preservation of vehicle settings.

QUICK AND EASY TO USE

The PRO60 is designed to be user friendly, it has a simple user interface with just four buttons and a clear LCD display.

The unique patent applied for Adaptive Charging mode automatically recognises the size of the battery and selects the optimum charging settings for the fastest charge.

It automatically compensates for parallel loads and, with built-in temperature compensation, the PRO60 constantly adjusts for ambient temperature changes.

CHARGES AND RECONDITIONS

Batteries that have been unused for long periods are more difficult to charge, however CTEK's patented multi-step charging process features automatic desulphation to remove the harmful deposits that build up during discharge.

Even deeply discharged batteries can be brought back to full working order with the PRO60.



SAFE AND HIGHLY STABLE

At CTEK safety is our priority. As with all of our professional chargers, the PRO60 is spark-free and reverse-polarity protected.

The PRO60 also boasts class-leading EMC protection, low voltage ripple and current ripple, plus additional safety features including input voltage surge protection and burst protection, ensuring a smooth supply to protect the battery and the vehicle's sensitive electronic systems.

PORTABLE AND DURABLE

The PRO60 is designed for the demands of the modern workshop and is built to last. It is supplied with 5m cables and heavy-duty clamps, and its rugged impact-resistant polycarbonate casing incorporates a folding carrying handle, making it highly portable.

Mounting points are designed in to the casing and a wall mount and trolley are available as optional accessories.



PRO60

KEY PRODUCT FEATURES

- 12V/60A output
- Variable output in power supply mode (12.6V – 14.8V)
- Compatible with all types of 12V battery, including Lithium (LiFePO₄)
- Suitable for batteries from 10Ah – 1800Ah (15Ah-600Ah LiFePO₄)
- Resonant Converter technology for fast and efficient charging
- Easy to use with clear LCD display
- Unique, patent applied for, Adaptive Charging mode automatically detects battery size
- Spark-free, reverse polarity protected
- Built-in temperature compensation
- Rugged, impact-resistant polycarbonate casing
- 5m cables and heavy-duty clamps
- IP40 rated (indoor use)
- 2 year warranty

TECHNICAL SPECIFICATION

Input voltage	220-240V, 50-60Hz, 4.6A
Output voltage	12V, 60A
Start voltage (minimum voltage to detect a connected battery)	0.8V
Back current drain	Less than 2Ah/month
Ripple current	Less than 4%
Ripple voltage	Less than 4%
Temperature range	-20°C to +50°C (-4°F to +122°F)
Battery types	Lead acid: Wet, Ca/Ca, AGM, EFB (Start/Stop types) and Gel Lithium: LiFePO ₄
Battery capacity	Lead acid: 10-1800Ah Lithium: 15-600Ah
Insulation class	IP40 (indoor use)
Charge cables length	5000mm (DC cable)
Mains cables length	2500mm (AC cable)
Temperature compensation	Built in temperature sensor
USB	Type B USB port for software updates and service
Warranty	2 years
Net weight kg (unit with cables)	8.6kg
Gross weight kg (unit in box)	10.1kg
Dimension mm (HxLxW)	284x227x216mm



PRO60 **ACCESSORIES**

To support the use of the PRO60 in the workshop, we have developed versatile add on equipment.

WORKSHOP TROLLEY

– carry all of your test equipment with this custom designed, heavy duty trolley. There is a special mounting bracket to securely house the PRO60 unit, specially designed areas for placing a laptop and hooks for handy storage of the PRO60 charging cables.

WALL HANGER PRO60

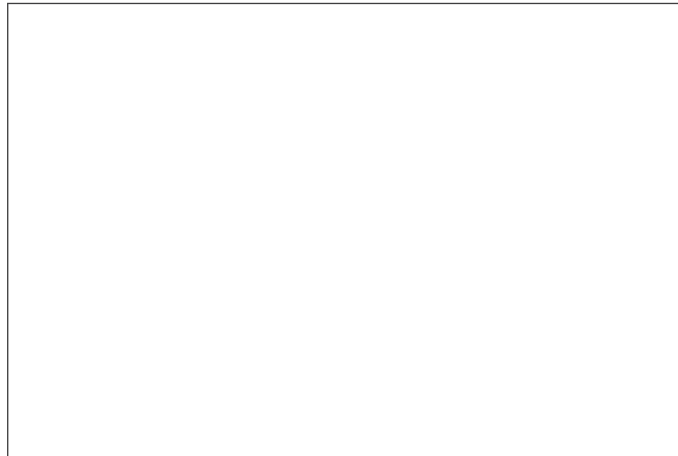
– specially designed to enable the PRO60 to be mounted onto the wall or ramp posts. The WALL HANGER PRO60 features a hook for safely storing cables.



CTEK - MAXIMIZING BATTERY PERFORMANCE

We're proud to be the world's leading experts in battery care. It's been our focus for two decades and this dedication has resulted in many new innovations along the way. Our patented 'smart' charging technology revolutionised consumer battery charging and our latest technology, evident in the new 'PRO' series, now revolutionises professional battery management. This latest generation of professional chargers is designed to be highly efficient for faster charging, stable Power Supply enhanced productivity and reduced operating costs. They're easy and safe to use, meeting or exceeding the required safety standards in all regions and featuring built-in protection for the user, the battery and the vehicle's sensitive electronic systems.

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CTEK SWEDEN AB
ROSTUGNSVÄGEN 3, SE-776 70 VIKMANSHYTTAN, SWEDEN
PHONE: +46 225 351 80 | INFO@CTEK.COM
WWW.CTEK.COM