

POWERFUL 120A BATTERY SUPPORT FOR THE PROFESSIONAL WORKSHOP

PRO120 is the ultimate power supply and fully automatic battery charger, specifically designed for the most demanding fault finding, service and repair procedures in the professional workshop.

FAST, ACCURATE POWER

PRO120 gives professional workshops precise control during all types of diagnostics, updating and repair work.

In power supply mode, PRO120 delivers selectable output voltages in 0.1V increments from 12.6V to 14.8V to match manufacturers' minimum service specifications exactly. It reacts quickly to sudden power spikes and has extremely low ripple with no flutter to prevent damage to the vehicle's sensitive electronics.

PRO120's state of the art fanless cooling system has no moving parts and keeps the ambient operating temperature constant in hot and cold conditions as low as -20°C (-4°F). This prevents 'derating', where the heat generated during use causes the output voltage to drop and the diagnostic process to fail.

It's also easy to use with a clear, multilingual display and fully automatic, 8-step, 'auto adaptive' charging that analyses lead-acid batteries and selects the optimal current.

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 120A of battery support
- Power supply with selectable 0.1V increments from 12.6V to 14.8V
- Silent, fanless cooling system
- Suitable for all types of 12V batteries, including lithium iron phosphate
- Adaptive (Auto) charging automatically analyses lead-acid batteries and selects the optimal current
- Charger type: 8-step, fully automatic charging cycle
- Multilingual, easy to read LCD display
- Work with all 12V battery types, including Lithium* (LiFePO4)
- 2V start up voltage for charging
- Automatic parallel load compensation
- No power derating
- Extremely low ripple
- Ambient operating temperature: -20°C to +50°C (-4°F to +122°F)
- Degree of protection: IP40
- 2 year warranty
- Optional trolley mounting and WALL HANGAR PRO mounting

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

PRO120



TECHNICAL DATA

INPUT	220-240 VAC, 50-60 Hz, 9.2 A
OUTPUT	12 V, 120 A
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
CHARGER TYPE	8 step, fully automatic charging cycle
BATTERY TYPES	12 V: WET, Ca/Ca, AGM, EFB, GEL, LiFePO ₄
BATTERY CAPACITY	10-3600 Ah, lead-acid battery types. 15-1200 Ah, LiFePO ₄
START VOLTAGE	2.0 V
PARALLEL LOAD COMPENSATION	Automatic
BACK CURRENT DRAIN*	Corresponding to less than 2 Ah/month
RIPPLE**	Less than 4 %
AMBIENT OPERATING TEMPERATURE	-20 °C to +50 °C (- 4 °F to +122 °F)
TEMPERATURE COMPENSATION	Built in temperature sensor
USER INTERFACE	LCD graphical display, Multilingual, easy to read
BATTERY CHEMISTRY	Lead acid, Lithium-ion
DEGREE OF PROTECTION	IP40
DIMENSIONS (L X W X H)	226 x 284 x 408 mm
MAINS CABLE LENGTH	2.5m (AC cable) - detachable
CHARGE CABLE LENGTH	5m, 25 mm ² (DC cable) - detachable
NET WEIGHT (UNIT WITH CABLES)	13.77 kg
GROSS WEIGHT (UNIT IN BOX)	16.02 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

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.

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