



ACCTIVA

Battery charging systems for starter batteries



ACTIVE INVERTER TECHNOLOGY - THE MOST INTELLIGENT CHARGING METHOD

ACTIVE INVERTER TECHNOLOGY

The future has a history

Forty years of technological leadership in 50Hz transformer technology and twenty years of expertise in the development of HF chargers equals sixty years of experience, and the result is Active Inverter Technology.

Active Inverter Technology

Active Inverter Technology combines the advantages of 50Hz transformer technology and high frequency technology, providing a new degree of flexibility in the area of battery charging technology.

ACTIVE INVERTER TECHNOLOGY =
LONGEVITY OF 50HZ TRANSFORMER TECHNOLOGY +
EFFICIENCY OF HF TECHNOLOGY + FLEXIBILITY

LICENSED TO CHARGE

Fronius battery charging systems have been specially developed for professional use in workshops and showrooms. Fronius is one of the leading suppliers in Europe - and with good reason.

Numerous independent tests and recommendations from renowned automotive and battery manufacturers, plus international approvals (UL, SCA, CCC, Japan, etc.) for **workshop use**, demonstrate that the Fronius name stands for high-quality products with the highest levels of functionality.



ACCTIVA PROFESSIONAL FLASH

The electronically safe battery charging system has a power rating of 70 A and charges the battery fully automatically. While charging, it also provides power to the vehicle during servicing in the workshop and vehicle presentations in showrooms. The battery charging system guarantees the required level of safety, particularly during diagnosis and software updates.

Product features

- External power supply (FSV) for diagnosis and software updates, when changing the battery, in showrooms and at trade fairs
- Refresh mode desulphates deep discharged batteries
- Rapid charging during short service periods
- High power for start boost
- I-Check function for checking the current input
- Integrated USB interface for software updates
- All functions (battery capacity, rated voltage, service function, FSV/buffering function, I-Check function) are shown and set on the display
- 100% safety for vehicle, on-board electronics and battery

Application areas

- During service work in workshops
- During diagnosis and software updates
- During vehicle presentations in showrooms, at trade fairs and events
- During premieres and product highlights
- During handover of vehicle to customer

Acctiva Professional Flash:

Charging /boost current: 50 A/ 70 A

Battery voltage: 12 V



Acctiva Professional Flash. The powerful battery charging system is the perfect workshop tool during servicing activities.



The Acctiva Professional Flash guarantees the supply of parallel consumers when carrying out diagnoses and software updates.



100% reliable power supply for vehicle presentations in showrooms and at trade fairs.

ACCTIVA PROFESSIONAL 35A

The intelligent battery charging system with its animated user guidance display is the ideal tool for vehicle technicians. In addition to the main function - fully automatic charging - the battery charging system provides a constant voltage during diagnosis and ensures that the battery is fully charged after the service.

Product features

- Plug & Charge for fully automatic charging
- Animated user guidance display for ease of use and the highest levels of reliability. All functions and charging data can be easily set and read off the display.
- Trickle mode supplies the parallel consumer with energy during diagnosis and software updates
- Back-up mode ensures that the user settings in the vehicle are retained when the battery is changed
- Power supply mode guarantees an external power supply without any assistance from the battery
- Refresh mode regenerates deep discharged batteries
- Robust housing, plug-in charging and mains cables (in different lengths), and an edge guard mean flexibility for the workshop
- Optional USB interface for updates ensures long-term and future-proof use
- 100% safety for vehicle, on-board electronics and battery

Application areas

- During services in workshops
- During diagnosis and software updates

Acctiva Professional 35A:

Charging current: 35 A for all battery voltages

Battery voltage: 6 V/12 V/24 V



Acctiva Professional 35A. The constant voltage supply prevents time-consuming system crashes during diagnosis and software updates.



The Acctiva Professional 35A allows easy and rapid charging, even during short service sessions in the workshop.



The compact portable battery charging system has an edge guard for stability and to protect the vehicle paintwork from damage.

ACCTIVA SELLER

The professional 30A power supply ensures glitch-free vehicle presentations in showrooms and at events.

Product features

- A special characteristic ensures a reliable power supply and maintains the battery capacity
- The compact design means the battery can be kept well out of sight
- The fanless design prevents any irritating noises in the showroom
- Plug-in charging & mains cables increase flexibility in use
- Edge guard prevents damage to the vehicle in the showroom
- 100% safety for vehicle, on-board electronics and battery

Application areas

- During vehicle presentations in the showroom, at trade fairs and events
- During premieres and product highlights
- During handover of vehicle to customer

Acctiva Seller:

Charging current: 30 A

Battery voltage: 12 V



Acctiva Seller. The Acctiva Seller back-up mode prevents charging cycles in a starter battery and maintains the maximum battery service life.



User-friendly with just a single Start/Stop button.



Its compact design means it can be placed under the car or in the engine compartment.

ACCTIVA EASY

The small, powerful battery charging and test system ensures fully automatic and gentle charging of the battery and shows the state of the battery and vehicle using three test functions.

Product features

- Permanent operation over long periods with minimum power consumption - the battery charging system automatically switches to conservation charging when the battery is fully charged
- Test functions show the state of the battery, startability and functioning of the alternator
- Basic settings (e.g. radio, clock settings, etc.) are saved when the battery is replaced
- Different product and power variants for 6 V, 12 V and 24 V are available (see table on the right)
- 100% safety for vehicle, on-board electronics and battery

Application areas

- During vehicle presentations in showrooms
- For maintenance of storage batteries (used cars, warehouse vehicles)
- As a vehicle accessory for private users

ACCTIVA MULTICHARGER

As this charger has six charging circuits, a larger number of batteries can be charged and tested simultaneously in a small space.

Product features

- Batteries of various types with different levels of charge can be charged simultaneously
- Every single charging circuit uses the measured open circuit voltage to determine the battery charge state

Application areas

Maintenance of storage batteries (used cars, warehouse vehicles)

Acctiva Multicharger:

Charging current: 4 A

Battery voltage: 12 V



Acctiva Easy. Battery charging and test system for starter batteries in cars, motorcycles, agricultural machinery, vintage cars, caravans, boats, ride-on mowers and emergency vehicles.



Battery charge state and test functions can be read off easily via the LCD display.

ACCTIVA EASY VARIANTS					
Acctiva Easy	1202	1204	1206	6/12	12/24
Charging current	2 A	4 A	6 A	4 A/3 A	4 A/2,5 A
Battery voltage	12 V	12 V	12 V	6 V/12 V	12 V/24 V



The Acctiva Multicharger can be easily mounted on a wall and shows the state of the battery clearly by means of a bar chart on the display.

ACCTIVA TWIN 15A

The multi-circuit battery charging system can be installed and will charge several batteries of different sizes to guarantee immediate operational readiness, even after a prolonged period of inactivity.

Product features

- Intelligent electronics monitor the charging processes and even out differing charge states when two 12 V batteries are connected in series
- A pre-programmed charging characteristic provides the ideal charging current with regard to the capacity and state of the battery, resulting in maximum service life for every battery
- Automatic preselection of battery voltage at 12 V and 24 V
- State of charge, fault and start/stop shown on LED display
- Optional FireCAN communication interface and floating contact for transferring data between the battery charging system and the vehicle electronics
- 100% safety for vehicle, on-board electronics and battery

Application areas

- Emergency vehicles
- Commercial vehicles
- Boats
- Caravans

Acctiva Twin 15A:

Charging current: 15 A for all battery voltages

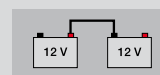
Battery voltage: 12 V/24 V



Acctiva Twin 15A. The multi-circuit battery charging system prevents premature failure of the battery by evening out the various charge states.



The FireCAN option transmits device status and battery voltage and can detect the following problems: reverse polarity, short circuit, battery fault, charging fault.



When setting up a 24 V vehicle electrical supply from two 12 V batteries connected in series, the

Acctiva Twin ensures that different charge statuses are evened out even if different loads are placed on the two batteries by 12 V and 24 V consumers.

The Acctiva Twin can be used with various battery combinations.

✓	✓	✓*	✓*	✓*
12 V	24 V	12 V 12 V	12 V 24 V	24 V 24 V

* Differing charge states cannot be evened out in these battery combinations, but the batteries can be charged in sequence.



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