

VOLKSWAGEN

AKTIENGESELLSCHAFT

Garage battery charger VAS 5900A

Reliable vehicle power circuit support for robust garage use



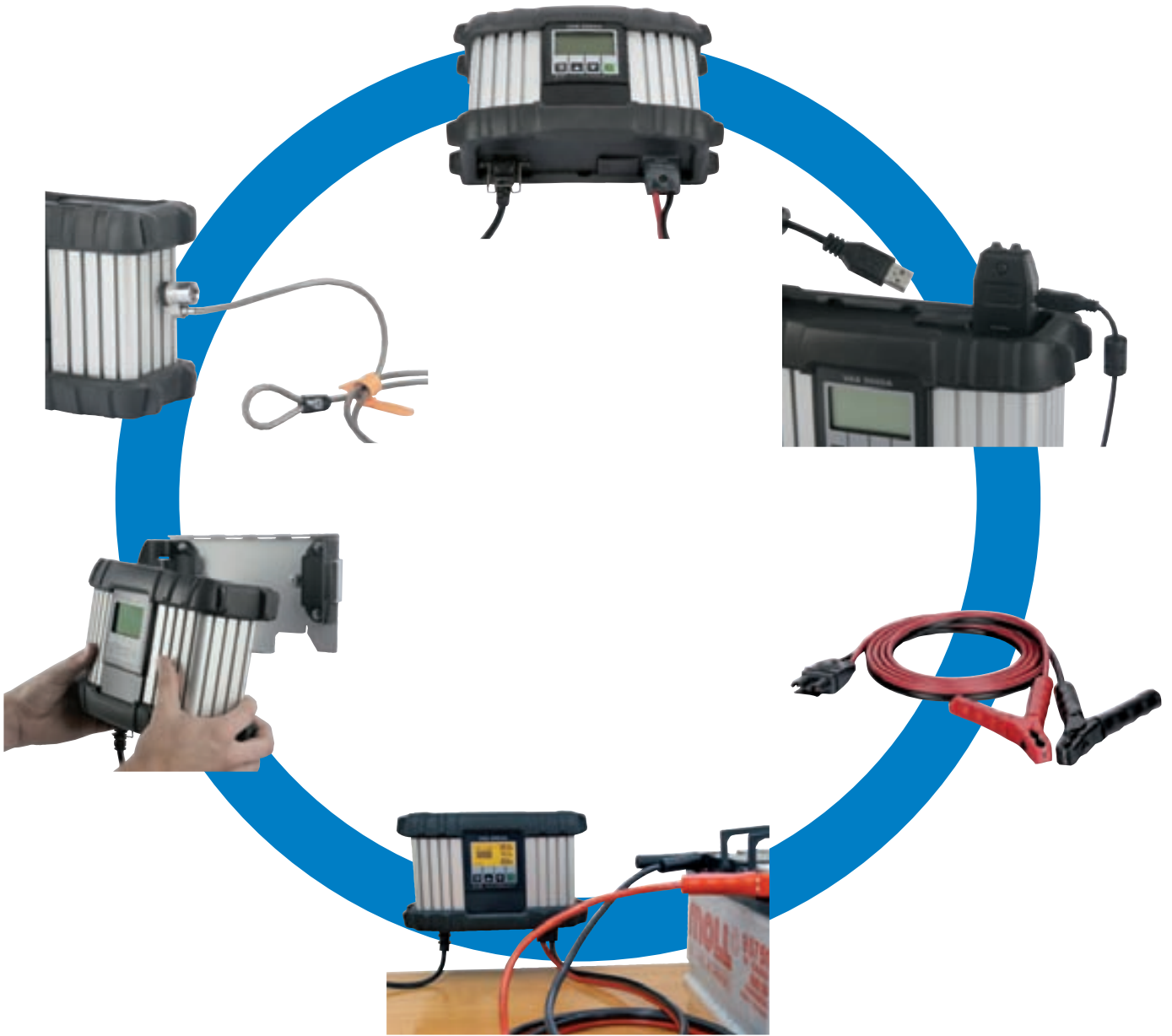
Battery charger VAS 5900A for power supply during diagnosis and vehicle work at the garage

The VAS 5900A represents an advanced logical development of the proven garage battery charger, VAS 5900A.

Today, electrical power demand on the vehicle power circuit during diagnosis and repair work is consistently very high in all vehicle models. This work would be unmanageable without vehicle power circuit support from a garage charger.

With a 35 ampere-rated current capacity and an easily legible, computer animated user prompt system, we have adapted a new device generation to today's requirements for battery chargers in garage repairs.





State-of-the-art inverter technology provides economical and ultra-fast performance of processes, and supplies all current and voltage requirements of the vehicle power circuit, reliably and according to need.

A robust aluminium housing with practical soft rubber edges guarantees reliable operation even under the toughest conditions, and provides effective protection against any vehicle damage when the device is placed in or on top of the vehicle.

Pluggable power and charge cables provide secure handling during use and afterwards during storage.

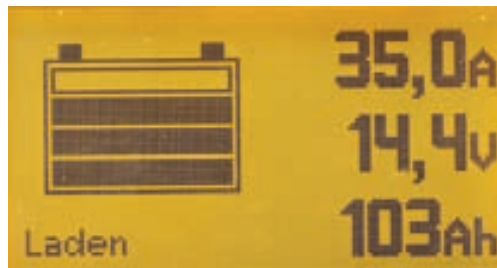
Today, when deciding on an investment in such tools, it is important that not only long operational life, but also usability in future applications requirements are assured.

The functionality of the VAS 5900A can be updated via a data interface, and it is pre-equipped with several slots for additional hardware requirements.



Easy user guidance thanks to the clearly arranged display and automatic detection of vehicle voltage.

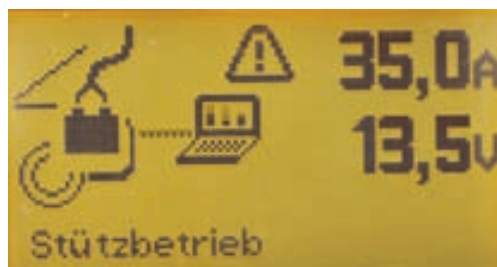
Modes of operation of the VAS 5900A



Charge batteries in the vehicle power circuit to a maximum of 14.4 volt and 35 ampere. Pre-selection of the battery rating and the model type (wet, AGM, gel). Permanent display of charge progress, mode of operation, and electrical values.



Charge-up of nearly empty batteries outside of the vehicle power circuit to a maximum of 16 volt and 35 ampere. Pre-selection of the battery rating and the model type (wet, AGM, gel). Permanent display of charge progress, mode of operation, and electrical values.



Support operation in the vehicle power circuit with installed battery while carrying out a diagnosis and with consumers switched on, to a maximum of 13.5 volt and 35 ampere. Permanent display of charge progress, mode of operation, and electrical values.



Power supply function, auxiliary power supply for vehicle power circuits, without installed battery, or for de-installed vehicle components for the purpose of trial runs, at 13.5 volt and a maximum of 35 ampere. Manual program start, with security query. Permanent display of charge progress, mode of operation, and electrical values.

Product information

- Automatically detects and sets battery voltage at 6V, 12V and 24V
- Up to a maximum of 35 ampere charging current in all voltage ranges
- Battery charger especially for charging the vehicle power circuit during a vehicle presentation
- For charging and recharging, or respectively float charging of conventional lead-acid-, lead-calcium/silver-, maintenance-free absorptive glass matt (AGM/MF) and gel batteries from 3 - 300 Ah, without disconnecting the vehicle power circuit
- Noiseless operation without a ventilator, the aluminium housing serves as cooling element; safe operation even inside the vehicle
- Soft rubber edges protect against damage to the vehicle
- Extremely small size and low energy consumption, because of inverter technology
- Updateable device software
- Pluggable and replaceable power supply and charge cables, can be fed through nearly any vehicle opening
- Splash-protected housing

Applications

Charge mode. Automatic charging with IUoU characteristic curve. After full charging is complete, switches automatically to float charging mode.

Power supply operation/auxiliary power supply. Supply of vehicle power circuits without installed starter battery; maintenance of voltage during battery change.

Support operation/diagnosis. Buffering of the vehicle power circuit during diagnosis, and operation of switched-on consumers during the charging process.

Refresh mode. In this mode, weak batteries can be regenerated (reduction of the sulphate layer). This procedure is performed via a microprocessor-controlled IUoU characteristic curve.

Protective functions

- Inverse polarity protection
- Thermal overload protection
- Safety shutdown
- Power surge protection, no voltage peaks

Included items & technical specifications

- Battery charger 6-12-24 volt, 35 ampere in robust aluminium-plastic housing
- Soft rubber edges, to be attached
- Power connection cable (5.0 m) with Schuko plug
- Battery charge cable (2.5 m) with fully insulated charge clamps
- Power supply: 230 V AC 50 Hz
- Rated power: 1120 Watt
- Protection rating: IP 40 horizontal operation, IP 44 vertical operation
- Dimensions: 247 x 88 x 162 mm (L x D x H)
- Weight: 2.0 kg

Guarantee

24 months

Manufacturer

akkuteam Energietechnik GmbH

Order number

ASE 447 030 01 000

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