

# VOLKSWAGEN

AKTIENGESELLSCHAFT

## VAS 5906A Battery Charger

power supply support and charge retention for exhibition vehicles in showroom



## Safe energy for first-class and customer-focused vehicle presentations

The basis of a successful sales dialog is thorough explanation of vehicle functions and fittings. Nowadays, customers place particular value on complete functionality of controls and infotainment when viewing exhibition vehicles.

Non-activatable equipment functions or no on-board power at all due to an empty battery rapidly ruin any good chances of a vehicle sale.

The energy demand on the on-board battery is often underestimated in such cases.

If the ignition is switched on, simultaneous running of the media equipment, seat heating and electric windows rapidly results in a total current consumption of 60 A. If the convertible roof is operated on top of this, the power peaks can reach 100 A.

The normal basic energy requirement for controllers and infotainment is safely covered by the VAS 5906A with its 32 A rated power, and any energy removed from the battery in the short term is quickly and correctly measured and recharged once the consumers have been switched off.





The main feature of this device technology is efficient and intelligent charging. In this case the charging behaviour automatically orients itself on the age and charging status of the battery. Simply connect the mains plug and the charging clamps, no other settings are necessary.

Thanks to the facility for a firmware update via USB cable, every user can adapt his device if required to changed characteristic curve requirements and is therefore equipped for future demand.

The device setup with only a few modules simplifies repair in case of breakdown.



**Modern design, inconspicuous device positioning**

The on-board systems support should remain unnoticed by the customer and should not be considered irritating during the optical presentation of the vehicle. The compact, simple construction reduces the space requirements and makes mobile use considerably easier.

Thanks to the pluggable power and charging cables, cable routing from the floor socket under the vehicle into the engine compartment or the boot is possible without problems and with secure contacts through even the smallest opening in the vehicle chassis.

The design of the device housing also meets the high requirements on modern presentation areas for use in the showroom.

Even in a vehicle engine compartment, the VAS 5906A does not look out of place with its clear and refined appearance.

**High charging performance**

The on-board power supply is often fitted with two battery circuits in SUV and utility vehicles. The high amp-hour performances in such systems require a strong, precise charging device. The VAS 5906A is ideally suited for this purpose and can safely charge batteries at up to 250 Ah.

**Plug & Play**

The very simplest operation makes the VAS 5906A completely safe in utilisation. Simply plug in the power plug and contact the charging clamps, no further settings are necessary.



## Product information

- Battery charging device specially for charging in the vehicle electrical system during vehicle presentation
- modern, high frequency technology and galvanic separation of components
- charging operation, standby operation and trickle charging of late-acid, AGM, ESB, gel and lithium batteries with rated capacities of up to 250 Ah without disconnection from the vehicle electrical system for unlimited periods
- automatic charging current adaptation without requiring adjustments
- charging and standby operation automatically regulated with up to 32 A
- noiseless operation without fan, the aluminium housing is used as a heat sink, save operation even in the vehicle
- soft rubber edge protection to prevent damage to a vehicle or device
- maximum charging voltage 14.4 V, no battery gassing and therefore suitable for charging in enclosed spaces (in acc. w. VDE 0510)
- extremely small version and low energy consumption thanks to inverter technology
- update-capable device software
- pluggable and replaceable mains and charging cable
- splashwater-protected housing

## Applications

**Charging operation** Automatic charging with IUoU characteristic curve

**Standby operation** Supply of switched-on consumers in on-board electrical system during charging process. Supply of presentation vehicles and showroom.

**Trickle charging** Once charging is complete, automatic switchover to trickle charging. Automatic switchback to charging and standby operation as soon as consumer in on-board electrical system is switched on.

## Protective devices

- electronic reverse polarity protection
- thermal overload protection
- safety switch-off
- electronics-safe
- free of voltage peaks

## Scope of supply & technical data

- Battery charger 12 V, 32 A in robust aluminium-plastic housing
- Clip-on soft rubber edge protection
- Mains cable (5.0 m) with earthed plug
- Battery charging cable (5.0 m) with completely insulated charging clamp
- Power connection: 230 V AC / 60 Hz
- Rated power: 560 watts
- Protection Class: IP 40 horizontal operation, IP 44 vertical operation
- Dimensions: L 227 x W 125 x H 62 mm
- Weight: 1.7 kg

## Guarantee

24 months

## Manufacturer

akkuteam Energietechnik GmbH

## Order number

ASE 447 037 01 000

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