

# VOLKSWAGEN

AKTIENGESELLSCHAFT

## Battery charger VAS 5906

For vehicle power circuit support and float charging for demonstration vehicles in the showroom



## Reliable energy for individual vehicle presentations to satisfy customer expectations

A fundamental ingredient of a successful sales meeting is a detailed demonstration of vehicle functionality and equipment. These days, the customer is particularly interested in experiencing the full functionality of control elements and infotainment in demonstration vehicles.

Equipment functionality that cannot be activated, and even a shutdown of the vehicle power circuit because of an empty battery can quickly ruin good vehicle sale opportunities.

Here, the energy demanded from the vehicle battery is often underestimated. With the ignition switched on as well as the audio

system, seat heating, and electric windows, the current quickly reaches levels of around 60 ampere. These consumption levels are typical of current vehicles in the compact class. Add to that a demonstration of the convertible roof, and the current level peaks at around 100 ampere.

With its rated power of 30 ampere, the VAS 5906 reliably manages the normal basic demand for control equipment and infotainment, and the energy briefly drained from the battery from this is recharged, quickly and correctly calculated, after the consumers are switched off again.





### Discreet device placement

Vehicle power circuit support should be as inconspicuous to the customer as possible, and in no way distract during the visual presentation of the vehicle. Because of its small size, the VAS 5906 can be placed under any vehicle on the inner surface of the wheel.

Because of the pluggable power supply and charge cable, the cable can be run from the socket under the vehicle through any opening in the vehicle chassis, however small, and into the engine compartment or trunk, easily and with a reliable connection.

However, the VAS 5906 integrates itself completely unobtrusively within a vehicle's engine compartment thanks to its clear and refined appearance, and does not appear to the customer as an element that distracts from the vehicle.

In many vehicle models the VAS 5906 can be completely hidden in an engine compartment niche or on the floor in the trunk.

### High charging performance

The vehicle power supply in SUVs and other utility vehicles is often installed with 2 battery circuits. The high ampere-hour demand of such systems makes a powerful and precise charger essential. The VAS 5906 is ideal for this and can reliably charge batteries up to 300 Ah.

### Plug & Play

Simply connect the power supply plug and charge clamps, no adjustments necessary. Extremely simple operation makes the VAS 5906 very easy for anyone to use.



## Product information

- 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 of 3 - 300 Ah, without disconnecting the vehicle power circuit
- Plug & Play: simple operation, fully automatic without any adjustments necessary, for all 12 volt batteries; simply connect the power cable and the charge clamps
- 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
- Charge and buffer operation (supply of connected consumers) regulated automatically with up to 30 ampere
- Maximum charge voltage 14.4 volt, so no battery gassing is generated, and so it is suitable for charging inside closed spaces (according to VDE 0510)
- 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

**Charging operation.** Automatic charging with IU/IO characteristic curve.

**Buffer operation.** Supply of switched-on consumers in the vehicle power circuit during the charging process. Supply of presentation vehicles in the showroom.

**Float charging.** After full charging is complete, switches automatically to float charging. Switches automatically back to charging and buffer operation as soon as a consumer in the vehicle power circuit is switched on.

## Protective functions

- Inverse polarity protection
- Thermal overload protection
- Safety shutdown
- Power surge protection
- Free of voltage peaks

## Included items & technical specifications

- Battery charger 12 volt, 30 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: 420 Watt
- Protection rating: IP 40 horizontal operation, IP 44 vertical operation
- Dimensions: 247 x 88 x 162 mm (W x D x H)
- Weight: 2.4 kg

## Guarantee

24 months

## Manufacturer

akkuteam Energietechnik GmbH

## Order number

ASE 447 037 00 000

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