

Checklist for starter batteries



repair shop / dealer:

customer number: _____
name: _____
street: _____
place: _____
phone-no.: _____

customer:

name: _____
street: _____
place: _____
phone-no.: _____

type of vehicle:

year of manufacture: _____ mileage: _____
kind of fuel: petrol diesel gas
kilometres per year: _____ km seasonal vehicle
extra equipment: seat heater navigation system _____
 air conditioning charger for mobile phone _____
 multimedia radio park heating _____
generator: charge voltage (without load): _____ V charge voltage (with load): _____ V charge current: _____ A
standby current in vehicle: short-time test: _____ mA long-time test: _____ mA

battery:

type: _____ V _____ Ah _____ A (DIN) _____ A (EN)
terminal stamp: **neg. terminal** _____ **pos. terminal** _____ filling date (dry charged): _____
production code (edge of lid on backside): _____
receipt / invoice: no.: _____ date: _____
installation date of battery: _____ open circuit voltage at installation: _____ V vehicle's mileage at installation: _____

visual check:

battery box: tight untight
punch marks (mechanical damage): yes no
terminal damaged: yes no
acid level: sufficient and the same in all cells
 below min. in one or more cells
 brown acid

Type battery tester:

_____ check with: EN-current or DIN-current

battery condition at delivery (at room temperature):

open circuit voltage: _____ V internal resistance: _____ mΩ test result: _____ A tester assessment: _____
acid density: _____ kg/l _____ kg/l _____ kg/l _____ kg/l _____ kg/l _____ kg/l
cell 1 cell 2 cell 3 cell 4 cell 5 cell 6

Type of recharger:

_____ year of manufacture: _____ charging voltage: _____ V (max) charge current: _____ A (max)
charging duration: _____ h current acceptance after 5 minutes: _____ A _____ V
charging voltage: _____ V

Battery condition at rest - at least 2 hours after charging (ideally after 5 hours) - at room temperature:

open circuit voltage: _____ V internal resistance: _____ mΩ test result: _____ A tester assessment: _____
acid density: _____ kg/l _____ kg/l _____ kg/l _____ kg/l _____ kg/l _____ kg/l
cell 1 cell 2 cell 3 cell 4 cell 5 cell 6