

**MODEL ALL****General information on batteries**

- Do not store batteries over a longer period at a storage point with direct solar radiation.
- Discharged or defective batteries can freeze, therefore store free from frost.
- Avoid polarity reversal and short-circuits.
- Do not place any tools or other conducting objects on the battery (risk of short-circuit).
- Before removal and installation of batteries all switchable current consumers should be switched off, as well as the engine switched off so that inadvertent arcing is ruled out.

**Notes on lead gel batteries or absorbent glass mat batteries (VRLA, AGM)**

- The battery is leaktight and can therefore be installed in any position.
- The battery is maintenance free.
- The battery housing is encapsulated.
- When quick-charging, it is important to ensure that the housing of the battery does not heat up too much, otherwise damage can occur.

**Notes on lead acid batteries**

- Always store lead-acid batteries horizontally to prevent acid leaking out and do not tilt during transportation.
- When fast charging ensure that the housing of the lead-acid battery does not heat up excessively.

- Always **detach the negative terminal first** and always **connect the positive terminal first**.
- Only charge batteries with DC, 10 % of the capacity is recommended as charging current for slow charging and 50 % of the capacity recommended for fast charging.
- Only switch on the charger after connecting to the terminals and switch off before disconnecting.
- If the battery is to remain in the parked vehicle for an extended period, the negative terminal should be disconnected.
- If possible batteries should be kept clean and dry.

**Notes on lithium-ion batteries**

- The battery is leaktight and can therefore be installed in any position.
- The battery is maintenance free.
- The battery housing is bolted and must not be opened.
- When quick-charging, it is important to ensure that the housing of the battery does not heat up too much, otherwise damage can occur.
- At battery temperatures < 0°C, the charging voltage must be limited to 13.5V or the battery must be conditioned to room temperature prior to charging.
- The battery should only be stored in its original packaging when it is removed from the vehicle.
- The battery belongs to hazardous material class 9, II and must be handled in accordance with the relevant regulations.