



CONCORDE

Storage and Boost Charging Recommendations to Insure Maximum Battery Life

Military specifications for sealed lead acid batteries specify a maximum shelf life of 18 months. This is true when stored at temperatures below 68°F (20°C). However, the open circuit voltage should be checked at least every 12 months and the battery should be boost charged if necessary. As with all batteries, the self-discharge rate over time is directly related to temperature. While it is recommended that fully charged batteries be stored at temperatures below 68°F (20°C), Concorde Battery Corporation realizes this is not always possible.

Should batteries be stored for three months or longer at elevated temperatures, periodically boost charge the battery with constant potential (constant voltage) charging when the open circuit voltage falls below 25.0 volts for 24 volt batteries or 12.5 volts for 12 volt batteries. Avoid storing batteries at temperatures above 68°F (20°C) for more than 12 months without a boost charge.

Batteries that have not been boost charged when stored for long periods are to be condition charged before installation with a constant current charge at the C/10 rate for 16 hours and then capacity tested in accordance with current applicable military technical orders.