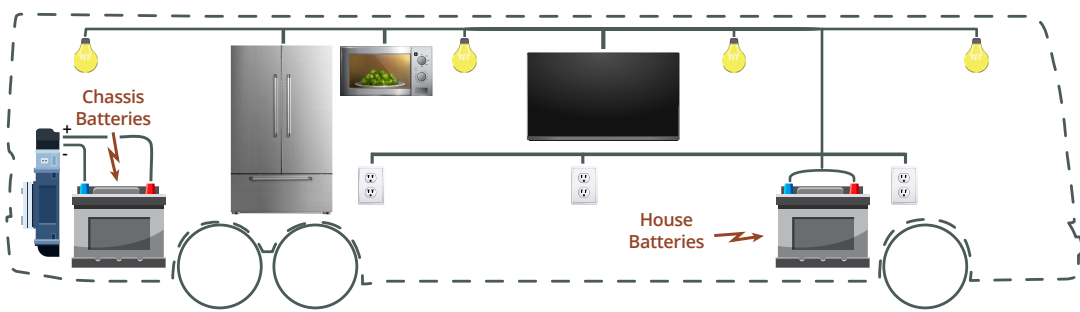


# BATTERIES, THE HEART OF YOUR RV

Batteries are the heart of any RV and there are several types. These types include batteries like wet cell (lead acid), AGM (Absorbent Glass Mat), and lithium batteries. Most RVs use wet cell or AGM type batteries for the house and chassis batteries.

## HOUSE & CHASSIS BATTERIES



House batteries come in two voltages: 12 volt in series or 6 volt in a parallel series, both producing 12 volts



Chassis batteries are 12 volt (if there are multiple, they are wired in a series).



House batteries operate at a relatively low to moderate rate of discharge, over a longer period of time, and are slower to recharge.



Chassis batteries operate at a high rate of discharge, over a short period of time, and are quick to recharge.



The house & chassis batteries can both, either be a wet cell or AGM types of batteries.

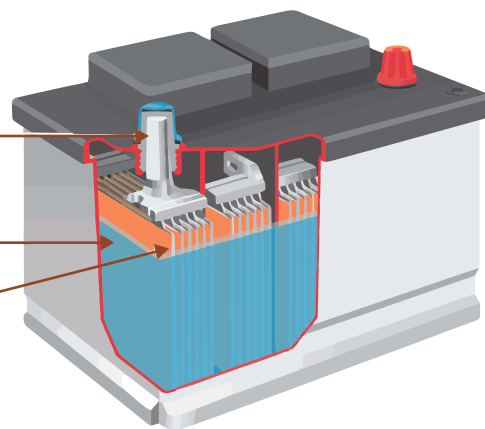
## AGM VS WET CELL BATTERIES

### Wet Cell Battery

Lead / Zinc Terminals

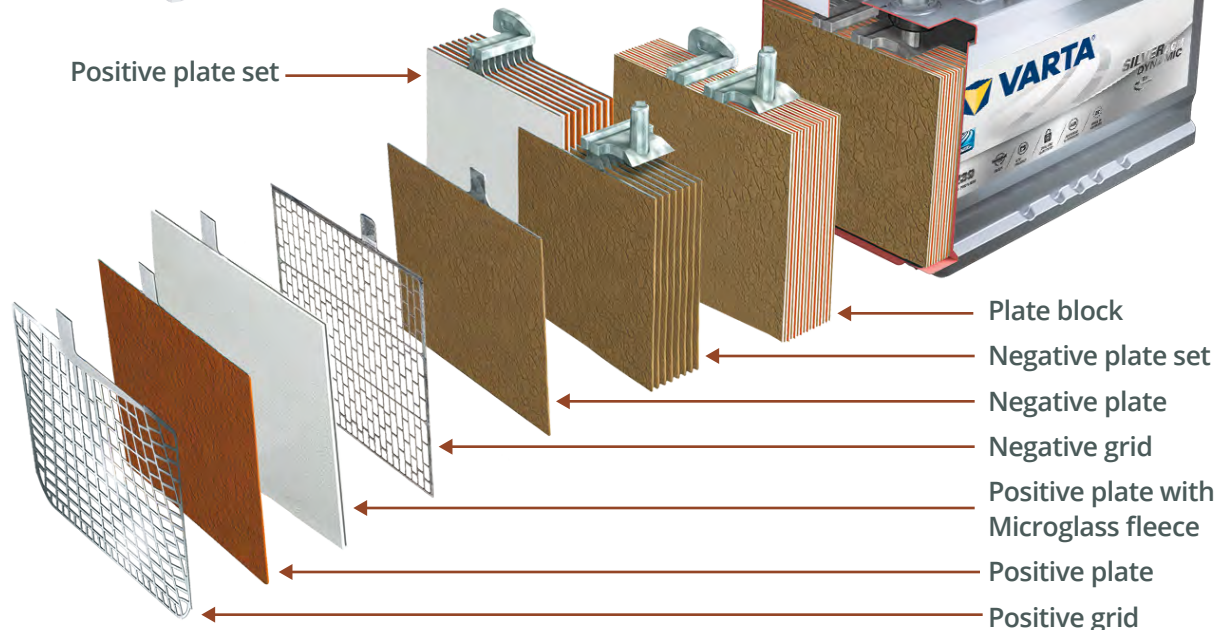
Battery Acid

Battery Plates



### AGM Battery

Positive plate set



AGM batteries are composed of electrolytes suspended in a microglass mat.



Wet cell batteries are composed of electrolytes suspended in an acidic solution.



AGM batteries do not require maintenance beyond equalization, but wet cell batteries do require periodic maintenance.



Equalizing an AGM battery is done by hitting the battery bank with a higher than normal voltage to remove sulfation within the cells.



Wet cell batteries should be checked to ensure the bottom of the cup is kept full at a full state of charge.