Batteries
Chapter 50

ACROSS
3 Each positive and negative plate in a battery is constructed on framework, or ____, made primarily of lead.
5 The designation __ refers to the number of amperes that can be supplied by a battery at 32°F (0°C).
6 Another name for a maintenance-free battery is a ___-___-___ battery.
8 A __________ battery uses little water during normal service because of the alloy material used to construct the battery plate grids.
9 The negative plates are pasted to the grid with a pure ________.
10 ________ is a pure porous lead.
13 _____ are constructed of positive and negative plates with insulating separators between each plate.
14 The amount of sulfate in the electrolyte is determined by the electrolyte's __________, which is the ratio of the weight of a given volume of a liquid to the weight of an equal volume of water.
15 __________ is the term used to describe the acid solution in a battery.

DOWN
1 Conventional batteries use a liquid electrolyte called ________ batteries.
2 Each cell is separated from the other cells by __________, which are made of the same material as that used for the outside case of the battery.
4 Both types of valve-regulated, lead-acid batteries are also called ________ battery design.
7 Battery sizes are standardized by the ___.
11 Another name for a cell is an ________.
12 The acid used in an ___ battery is totally absorbed into the separator, making the battery leakproof and spillproof.