

COMMERCIAL AGM

STARTING/DUAL PURPOSE OR DUAL PURPOSE/DEEP CYCLING

Rugged Yet Sophisticated Advanced AGM Design

MAGNAPOWER[®]

Today's heavy-duty trucks depend on batteries to provide more power for a multitude of accessories under the most demanding commercial use and still start powerful engines. Starting batteries alone aren't always designed for this type of abuse. Durability-enhanced AGM commercial batteries deliver up to 20x the vibration resistance of conventional designs to handle heavy-duty use. They also utilize a superior design that offers over twice the cycle life to better handle accessory loads, especially when the key is off. Be prepared to meet the toughest commercial needs with a rugged yet sophisticated AGM battery design.



Starting/Dual Purpose Battery:

Day cab, sleeper, P&D, vocational

Dual Purpose/Deep Cycling Battery:

HVAC, APU, reefer units, extra auxiliary loads

Premium maintenance-free power

Delivers optimized starting, cycling, and deep cycle service

Up to 20x more vibration protection*

Sustains battery's high performance capabilities over time

2x the cycle life*

Powers more electronics longer withstanding accessory and key-off load demands

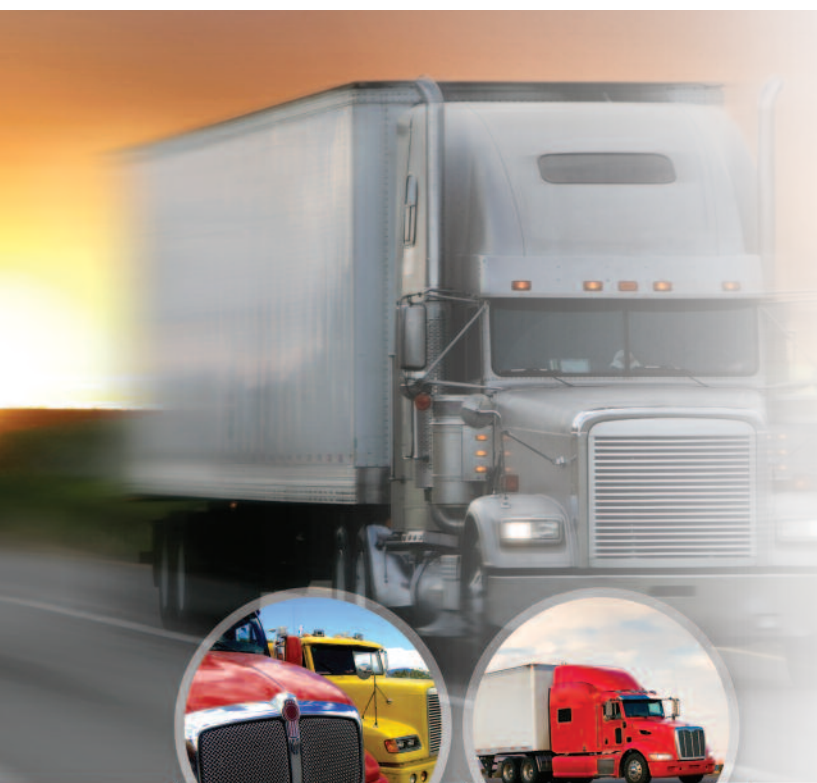
Spillproof design

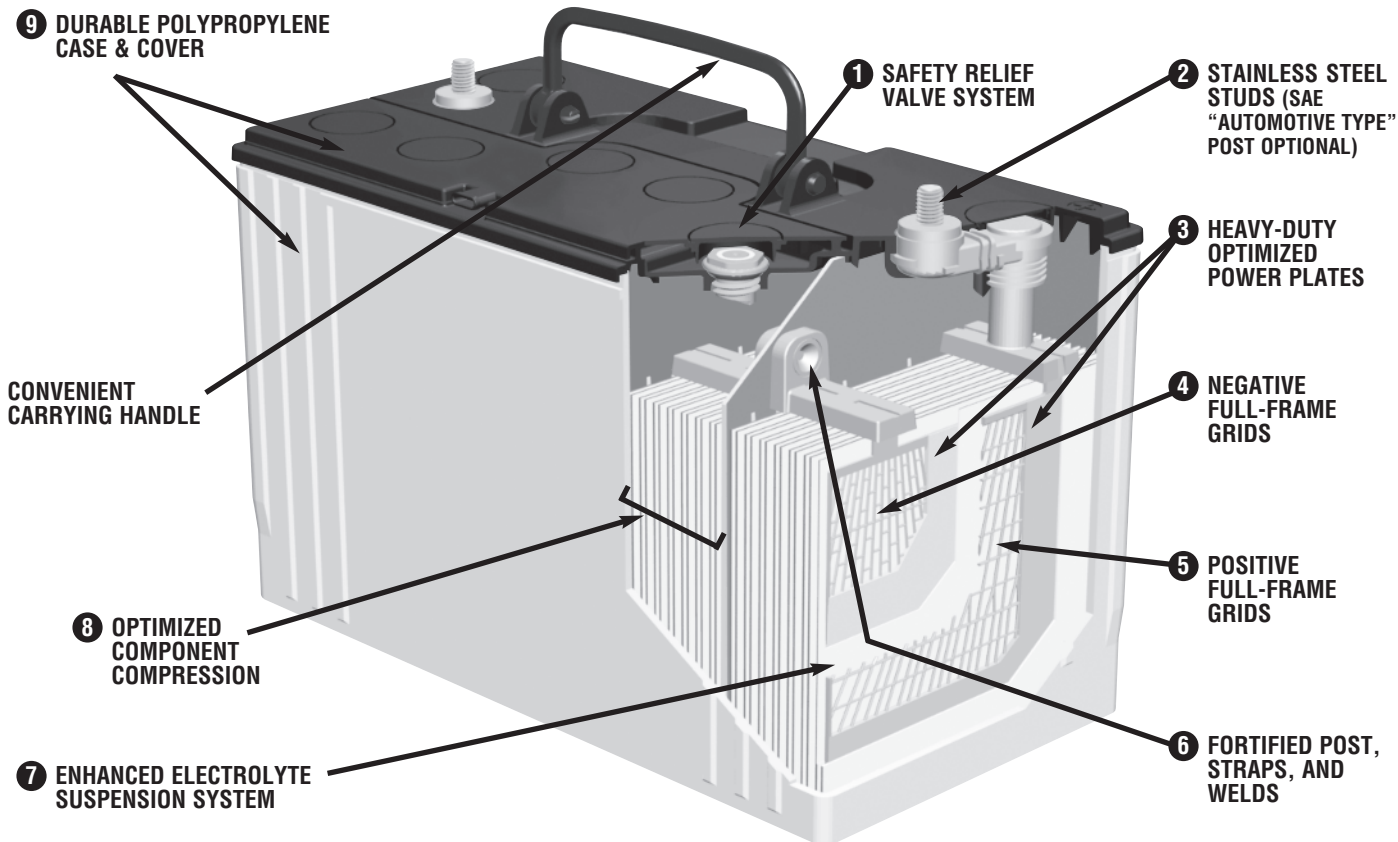
Provides added safety in demanding environments. More protection for user and equipment

Awesome Durability

Withstands demanding conditions like extensive over-the-road vibration

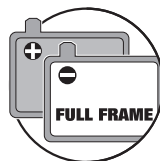
** Above and beyond conventional designs*





Features and Benefits

- 1 SAFETY RELIEF VALVE SYSTEM** effectively controls critical internal gas pressure preventing capacity loss from excessive gas seepage. Prevents outside air from entering the battery. (A common cause of failure in most valve-regulated battery designs.)
- 2 STAINLESS STEEL TERMINAL STUDS** resist corrosion for longer service life.
- 3 HEAVY-DUTY OPTIMIZED POWER PLATES** are pasted to uniform thickness, allowing for the exact degree of compression needed for optimum power, performance, and life.
- 4 NEGATIVE FULL-FRAME GRIDS** enhance efficiency of current flow and resist vibration damage for trouble-free service. A full-frame grid means there are no sharp wires exposed to cause shorts.
- 5 POSITIVE FULL-FRAME GRIDS** direct more current to the terminals to deliver maximum starting power. Designed to resist plate growth, self-discharge, and corrosion for extended life.
- 6 FORTIFIED POST, STRAPS, AND WELDS** resist vibration damage while maximizing current transfer for quick starting power and longer service life.
- 7 ENHANCED ELECTROLYTE SUSPENSION SYSTEM** absorbs significantly more electrolyte against the plate to optimize reactivity for maximum power and superior performance. These premium separators are puncture-resistant and have a high tensile strength providing added durability against damage and shorts. An extremely low electrical resistance enables higher capacity.
- 8 OPTIMIZED COMPONENT COMPRESSION** packs the group tight enough to optimize acid-to-plate contact while allowing the exact degree of oxygen to flow between the plates. It also provides increased vibration resistance for longer battery life. Before the assembly process, computers monitor every group's weight and thickness to assure the optimal amount of compression is achieved.
- 9 DURABLE POLYPROPYLENE CASE & COVER** resists breakage and protects groups for extended service life. Case and cover matches original equipment for an easier fit in most applications.
- STRAP TO CASE BONDING** resists pounding vibration for added durability and longer life.



OPTIMIZED POWER FULL-FRAME POSITIVE & NEGATIVE PLATES

- Better withstands severe service and "key-off" accessory demands.
- Prevents life-robbing electrical shorts from exposed wire.