



Starts like new.



Stays like new longer.



Introducing EXIDE® Edge™ AGM Flat-Plate Batteries with SureLife™ Graphite Technology.



with **SURELIFE™**
Graphite Technology

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Exide® Edge™ batteries are the first and only absorbed glass mat (AGM) products* that feature SureLife™ Graphite Technology to maximize available energy capacity — helping batteries perform at higher levels longer. Exide Edge provides more protection against battery failure, helping vehicles stay strong and perform like new.

Starts Like New. Stays Like New Longer.™

EXIDE®



Start Positive. Stay Positive.®

* Among leading competitors.

EXIDE® EDGE™ FLAT-PLATE AGM BATTERIES

POISED FOR MAJOR GROWTH WITH EVERYDAY CONSUMERS

- Regulation and high fuel costs are driving the development of advanced vehicle technologies like AGM
- OEM's are adopting AGM now for both hybrid and non-hybrid models
- Unmet consumer needs support mainstreaming of AGM technology
 - Significant increase in battery wear-out rates since 2005 ¹
 - Consumers want improvements in battery performance and power ²
 - Little awareness of new technology like AGM, but extremely high interest when educated on benefits ²

STRONG AGM CONSTRUCTION

Exide Edge's innovative use of materials delivers a new level of performance and protection

- A** **SURELIFE™ GRAPHITE TECHNOLOGY:** Advanced graphite additive that maximizes energy capacity for more protection against battery failure over the lifetime of the battery.
- B** **ABSORBED GLASS MAT CONSTRUCTION:** Specialized, fine glass fiber mats designed to absorb the electrolyte like a sponge, keeping it uniformly distributed and held in place. This construction helps the batteries to be sealed and spill-proof, vibration and corrosion resistant.
- C** **SPECIAL PRESSURE VENTING SYSTEM:** This special valve system helps the water recombination reaction, which reduces water loss for less evaporation and dry out. Individual pressure valves eliminate cell-to-cell vapor migration for less variation across cells that can reduce power and shorten life.
- D** **HIGHLY ENGINEERED ALLOY:** Special engineered alloy of lead/calcium/tin/silver to maximize life even under extreme operating conditions.
- E** **CONTINUOUS CAST GRID:** Provides excellent conductivity for stronger power and fewer shorts.
- F** **HIGH CONDUCTIVITY POST:** Low resistance design ensures fast cranking.
- G** **RECESSED SUITCASE HANDLE:** Provides easy transport and installation.
- H** **COMPACT & SPACE EFFICIENT WELD:** Computer-controlled welding process and a low profile weld shape helps deliver maximum current.

with **SURELIFE™**
Graphite Technology

Exide's graphite technology builds conductivity networks and reduces lead sulfate particle size, which helps strengthen and maintain the charge pathways for enhanced life.



¹ Failure Modes Of Batteries Removed From Service, A Report of the BCI Technical Subcommittee on Battery Failure Modes, 2010 Battery Council International

² Exide Technologies AGM Batteries Research Phase Quantitative Summary, August 2010

PROVEN PERFORMANCE IN TESTS THAT MATTER



LASTING ENERGY

Longer battery life and increased endurance¹



MAXIMUM DURABILITY

Higher vibration resistance for decreased damage and corrosion¹



FAST RE-CHARGE

Enhanced charge acceptance for faster re-charge, even under extreme conditions¹

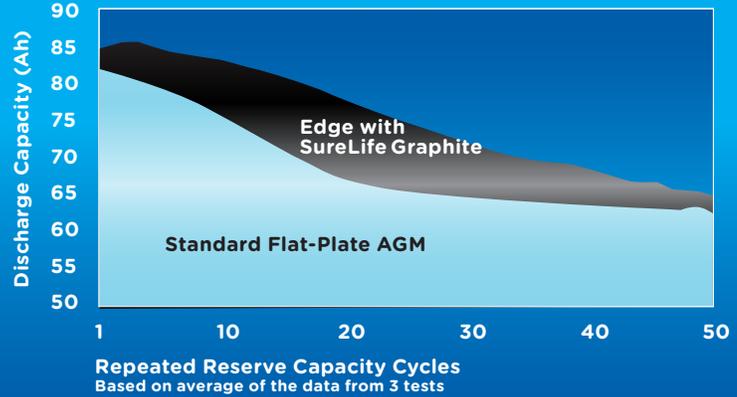


SPILL-PROOF*

Non-spillable AGM construction battery may be oriented on side**

ENERGY CAPACITY

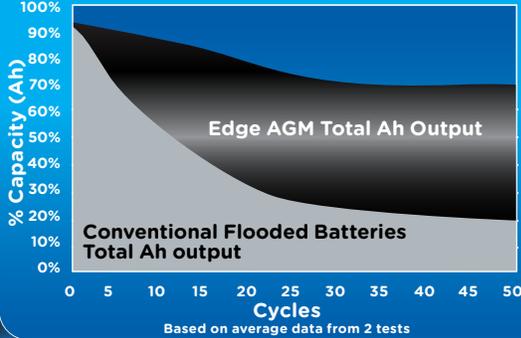
Repeated Reserve Capacity Test – 67% DoD²



SureLife Graphite Technology maximizes energy capacity; providing added protection against battery failure, helping your car stay strong and perform like new longer.

ENERGY

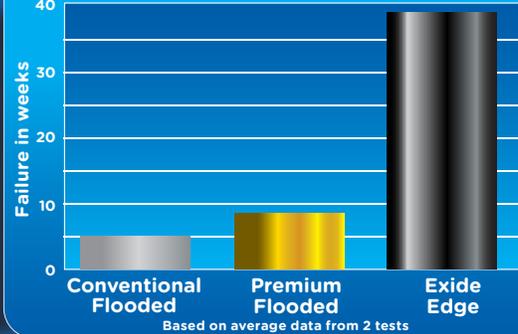
Repeated Reserve Capacity Test – 67% DoD²



- Substantially higher energy¹
- Greater capacity to better handle the heavy loads placed on today's batteries

ENDURANCE

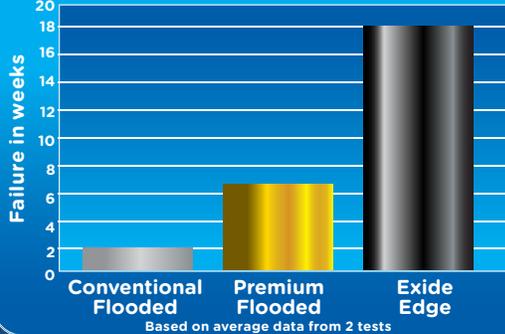
Repeated Reserve Capacity Test – 67% DoD²



- Substantially higher cycling endurance¹
- Excels in one of the toughest automotive stress tests, proving sustained performance

LIFE

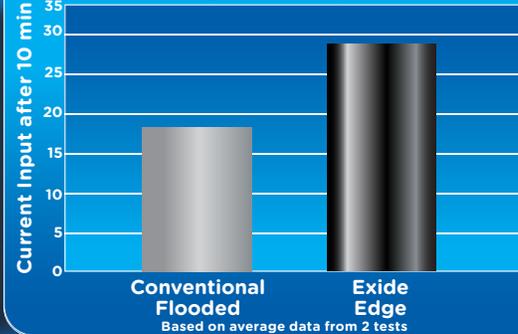
17.5% Depth of Discharge (Life) Test



- 2X longer life¹
- Outperforms conventional batteries across life test, including heavy use stop and go traffic with high electrical demands

CHARGE ACCEPTANCE

SAE J537 Charge Rate Acceptance



- Greater charge acceptance¹
- Exide Edge rebounds quicker, even after unintentional discharge

Other life tests also support longer life including: SAE J240, SAE J2801, 17.5% DoD and RRC (Repeated Reserve Capacity/Durability)

*Under normal operating conditions

**Inverted not recommended

¹ Claims made versus conventional flooded batteries

² Per VDA specification AGM Draft 2010-03

EXIDE® EDGE™ FLAT-PLATE AGM BATTERIES

IDEAL FOR EVERYDAY CONSUMERS:

- 55% VIO coverage targeted to meet mainstream consumer vehicle requirements
- Designed for today's active families and busy professionals. From minivans and SUV's to sedans and trucks.
- Performs at higher levels longer, reducing the risk of battery failure.

| Group Size | Part Number | CCA AT 0°F | RC MIN @ 25A | Ah Cap. @20Hr | Overall Dimensions in Inches | | | Free Replacement | Battery Terminal Type |
|--|--------------|------------|--------------|---------------|------------------------------|---------|--------|------------------|-----------------------|
| | | | | | Length | Width | Height | | |
| EXIDE® EDGE™ AGM AUTOMOTIVE BATTERIES - MAINTENANCE FREE - 48 MONTHS FREE REPLACEMENT - 12 VOLT | | | | | | | | | |
| 24 | FP-AGM24 | 710 | 120 | 60 | 10 3/16 | 6-3/4 | 8-5/8 | 48 | A |
| 24F | FP-AGM24F | 710 | 120 | 60 | 10 3/16 | 6-3/4 | 8-5/8 | 48 | A |
| 25 | FP-AGM25 | 650 | 110 | 53 | 9-1/16 | 6-5/8 | 8-5/8 | 48 | A |
| 34 | FP-AGM34 | 770 | 120 | 60 | 10 3/16 | 7-1/16 | 7-7/8 | 48 | A |
| 35 | FP-AGM35 | 650 | 110 | 53 | 9-1/16 | 6-5/8 | 8-5/8 | 48 | A |
| 51 | FP-AGM51 | 440 | 75 | 45 | 9-5/16 | 4-15/16 | 8-5/8 | 48 | A |
| 51 JIS | FP-AGM51JIS | 440 | 75 | 45 | 9-5/16 | 4-15/16 | 8-1/2 | 48 | JIS |
| 51R | FP-AGM51R | 440 | 75 | 45 | 9-5/16 | 4-15/16 | 8-5/8 | 48 | A |
| 65 | FP-AGM65 | 760 | 140 | 70 | 12 | 7-3/16 | 7-1/2 | 48 | A |
| 78 | FP-AGM78 | 770 | 120 | 60 | 10 3/16 | 7-1/16 | 7-1/8 | 48 | S |
| L-4/94R | FP-AGML4/94R | 800 | 140 | 80 | 12-3/8 | 6-7/8 | 7-1/2 | 48 | A |
| L-5/49 | FP-AGML5/49 | 850 | 160 | 90 | 13-7/8 | 6-7/8 | 7-1/2 | 48 | A |
| EXIDE® EDGE™ AGM MARINE BATTERIES - MAINTENANCE FREE - 24 MONTHS FREE REPLACEMENT - 12 VOLT | | | | | | | | | |
| 24DP | FP-AGM24DP | 775 | 145 | 72 | 10 3/16 | 6-3/4 | 8-5/8 | 24 | M (3/8P 5/16N) |

Exide Technologies, the AGM battery expert and innovation leader, is bringing you new advanced technology to help you build a more profitable business and to better meet your customers' needs.

Starts Like New. Stays Like New Longer.™



Exide uses a comprehensive business approach to recycling called Total Battery Management (TBM).™ TBM includes manufacturing and distribution of lead-acid batteries, collection of spent batteries, reclamation of battery materials, and use of those materials in new batteries.

Exide Technologies recycles sufficient lead tonnage to make the Company one of the largest secondary lead recyclers in the world, returning the materials to new product and diverting them from the waste stream. Exide Technologies' batteries are recyclable.



For more information and nationwide warranty terms visit us at www.exide.com or call 1-800-START-IT



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