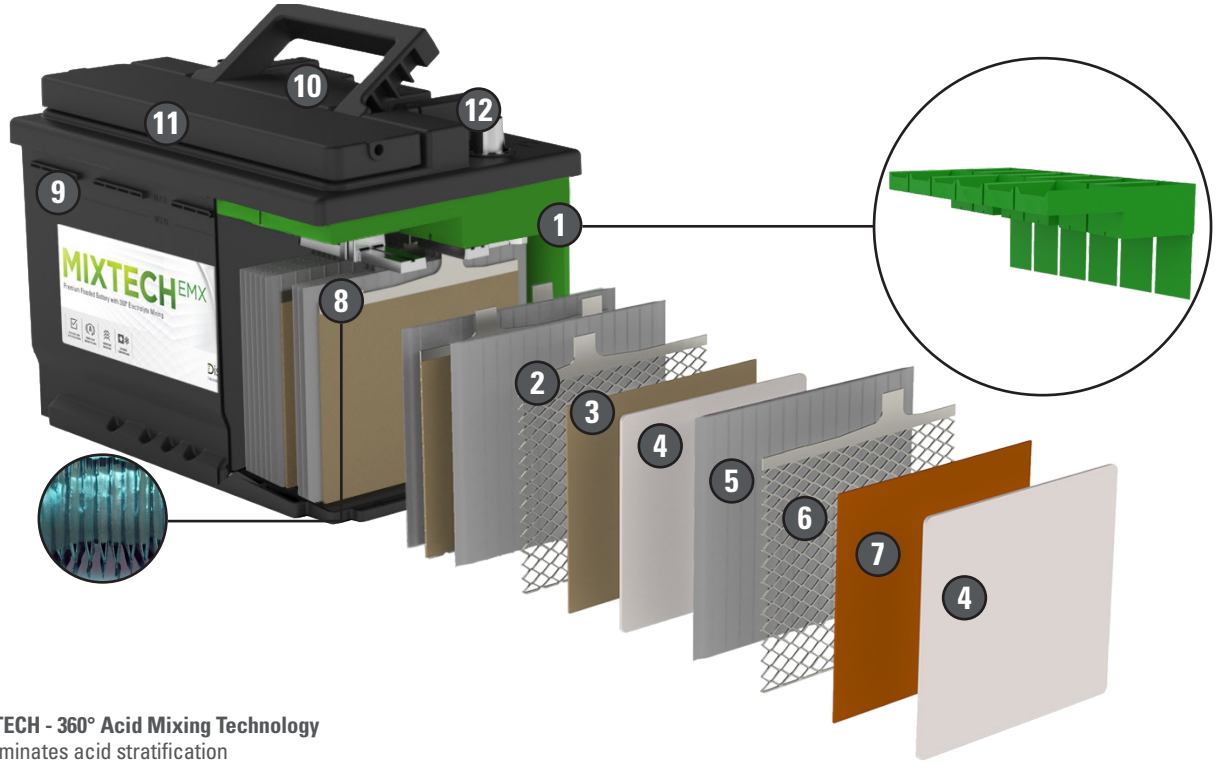
Discover®
MIXTECH EMX / ECL

THE MOST SIGNIFICANT IMPROVEMENT IN A BATTERY IN 50 YEARS.



MIXTECH - 360° Acid Mixing Technology

1
- Eliminates acid stratification
- Minimizes sulphation preventing premature capacity loss
- Ensures uniform material utilization guaranteeing longer high performance life
- Maintains Dynamic Charge Acceptance essential for highly equipped vehicles with intense driving schedules
- Delivers longer battery life in extreme temperatures

2 3 **Enhanced Negative Grids** with **increased active material density** improve improve plate strength and enhanced cycle life in cyclic/starting applications.

4 **Fiber-lock Scrim,** embedded into the active material on each side of the + and - plates, increases active material bonds and reduces material erosion.

Envelope (+) Glass Mat Separators

5
- Reduce internal resistance and short circuits
- Increases cell compression and reduces plate shedding
- Provides active mass stability and quicker recharging over conventional batteries

Calcium Tin Alloys in thick Positive Grids

6
- Increase corrosion resistance and life
- Increase strength and reliability

7 **Increased active material** density and additives that increase active material to grid bonds, reduce internal resistance, promote high cranking power and improve high cycle performance and life

8 **Element Bonding** provides vibration resistance and helps to resist positive plate growth

9 **Reinforced Polypropylene Case** utilizes completely sealed cover for true maintenance free performance

10 Integrated carry handles

11 **Central Degassing** manifold with integrated flame arrestors collect and discharge gas away from terminals improving safety and reducing terminal corrosion. Gases travel through a spider-web like maze within the manifold trapping the water & electrolyte vapors re-combining them back into the battery preventing premature dry out.

12 Cold forged SAE terminals

$NaSO_4$ Sodium Sulphate additives improve the cycle life, charge acceptance and maintenance-free operations

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