

SEVERE DUTY
BATTERIES

MADE
IN THE
USA

STRONGER.



TOUGHER.

SUPERIOR

ENHANCED SEVERE DUTY DESIGN MAKES AN ALREADY TOUGH BATTERY EVEN TOUGHER.

Designed to excel in high-heat, high-cycling applications, Superior's enhanced Severe Duty Series provides over-the-road trucks and construction equipment the power to work harder and longer. Heavier grids and added active material provide increased performance and cycle life in our Group 31 Severe Duty Series. A polyfiber mat embedded within the positive plate provides extended cycling and rechargability.

A trend in the battery industry compares batteries only by the cold cranking amps (CCA) rating. This SAE rating shows the battery's capacity to turn the engine and has little to do with the battery's endurance or storage capacity. This comparison can lead to improper assessment and improper application. Internal combustion engine vehicles now have higher demands for stable, long-lasting power. Additionally, according to recent studies, more than 39% of battery failures nationwide are directly related to the plate or grid of the battery¹. Tests show that batteries built with the correct balance of cranking power and reserve capacity last longer and perform better, especially in applications with higher demands than cranking power.

¹<https://batteryuniversity.com>
BU:804

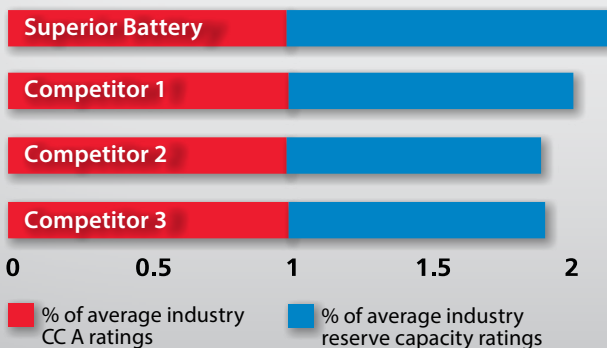
Highest Rated Reserve Capacity



J2185 Test Life Cycle Test



Balance Performance and Life Expectancy



SEVERE DUTY ADVANCED DESIGN BATTERY

Superior's Superlex® and custom label severe duty commercial batteries feature our revolutionary PFX Technology.

GRID-LOC TECHNOLOGY™
Exceptional high vibration resistance

EMBEDDED POLYFIBER
Low paste shedding, increasing battery life and performance

ROBUST GRID DESIGN
Increased cycle life

INCREASED ACTIVE MATERIAL
Provides best reserve capacity ratings in industry²

PREMIUM ALLOY
High heat resistance and low water loss

DARAMIC® SEPARATORS
Toughest, longest-lasting separators on market

JUST-IN-TIME BATTERY FORMATION
Batteries filled upon order, preserving freshness

**ZERO LANDFILL
MANUFACTURING PROCESS**



²Based on lab test, see chart to the left.



Construction equipment



Emergency response vehicles



Buses and RVs

Lift gate applications

Refrigeration units

Logging and rough terrain applications

Battery-powered HVAC systems

DC-powered hydraulic lift systems

Farm applications

Heavily accessorized commercial vehicles

Work trucks with power inverters

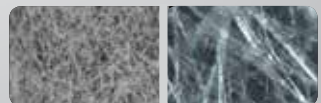
Start-stop delivery trucks



Robust Grids



Daramic® separators



Embedded Polyfiber



SUPERIOR®

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