



Batteries and Chargers

Superior Design Delivers Big Benefits and Daily Savings

Grid Design

Designed to deliver more power for a longer life

- More positive grid tapered wire "arteries" for better electron flow
- Industry leading corrosion radius
- Balanced design means more uniform use of the total grid
- Inset lugs create better flow pattern

Paste Formula

Ranks as one of the best in the industry

- Conductivity is maximized
- Corrosion is minimized
- Density is balanced at a high level for optimum performance and less shedding for a long battery life

Separators

For improved performance and maintenance

- Wavy "S" design separators mix the electrolyte efficiently, helps reduce massing, minimizes plate exposure and helps prevent shorts
- Element protectors help prevent separator lift and act as visual guides for watering

Rugged Design

Built for the real world

- Tray paint is powder coated for durability
- Color-coded cabling makes installation accurate and easy
- Lifting ears are integral to the tray
- Thermo-bonded cover to jar seal to provide protection against leakage
- Jar bridge supports the structure and helps prevent shorting

Battery Warranty

- For specific information, see warranty statement GB3658

For Lift Truck Class I, II, III

GNB® Flooded Classic™ batteries are designed to deliver consistent, reliable power. They're engineered to increase efficiency. As a result, they can improve your trucks' running time and reduce maintenance over the life of the battery. Available in a wide range of sizes — we're sure to have a battery to fit your needs.



Advanced Flood

Vent Cap

- 1/4 turn, bayonette-style easy removal pattern saves time
- Baffle design helps keep acid in cell during high gassing, minimizes corrosion and post-to-tray shorts

Element Protector

- Prevents separator lift, potential shorts and adds to battery life
- Visual aid for easy, accurate watering

Inset Lugs

Grid tab location produces a more direct electron flow and increased efficiency

Grids

- Tapered wire design puts lead where it is most efficient for reduced resistance, higher voltage during discharge, better battery operation and overall longer life.
- Dense paste formula reduces shedding for greater electrical capacity and longer life

Lifting Ears

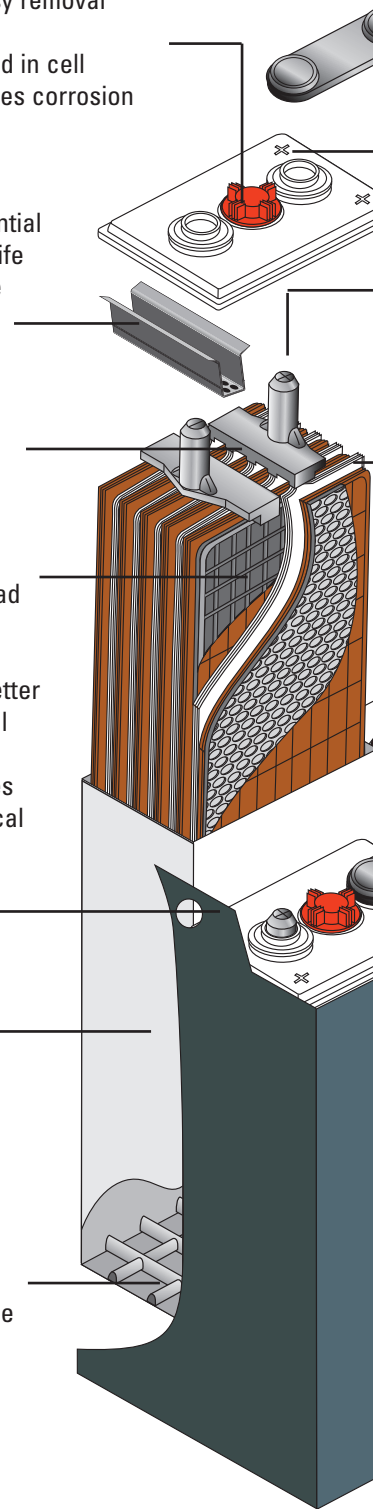
Integral to tray

Cell Jar

Polypropylene for strength and durability

Bridge

- Anti-shorting sediment bridge increases reliability
- Self-leveling



...Means lo

Flooded Cell Design...



Chargers

The Benefits of Improved Technology

Superior Performance From 3 Models For A Proper Charge Every Time

FLX200 For Flooded Batteries Only

- Uses an I.E.I. (constant current/constant voltage/constant current) charge profile
- Tightly controlled voltage during critical "gassing phase" to reduce heat generation and water loss, thereby extending battery life
- Auto-termination of charging after voltage stabilization using dV/dt or elapsed time
- di/dt termination protects against thermal runaway and battery damage
- Adjustable for Cold Storage applications
- Automatic profile adjustment prevents unnecessary charging
- Conversion kit upgrades the FLX200 to the SCR200



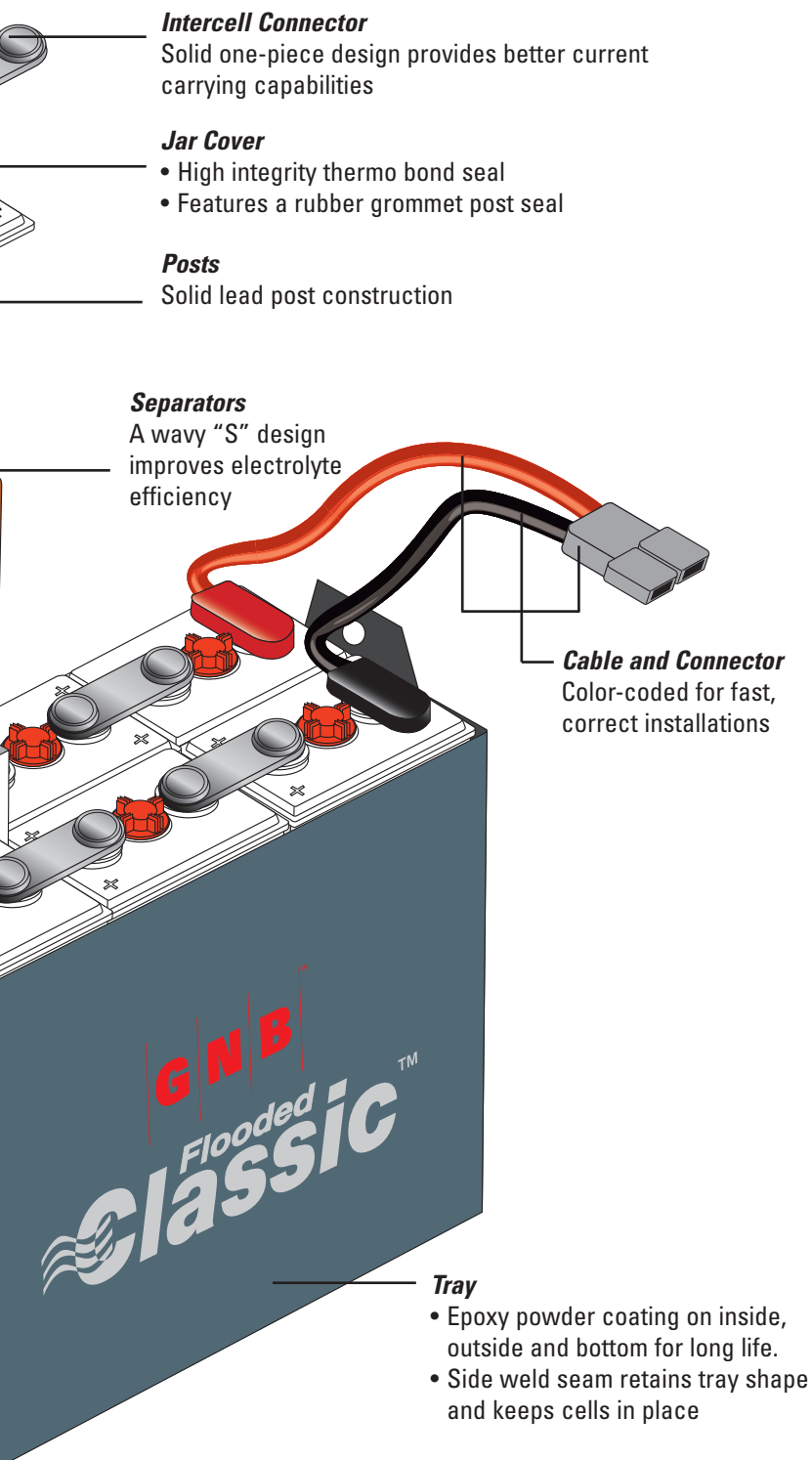
SCR200 For Flooded and VRLA Batteries

- Same features as the FLX200, with the addition of advanced profiles for charging ELEMENT® VRLA and Liberator® batteries



ELEMENT® HF for Flooded and VRLA Batteries

- Multi voltage, high frequency, and compact for advanced intelligent charging



onger run time.

Exide Technologies - The Industry Leader.



Element®

GNB
Flooded
Classic™

 **EXIDE FUSION™**

 **TUBULAR-HP®**
HIGH PERFORMANCE

 **LIBERATOR™**

TITAN™


Sonnenschein®

Exide Technologies Industrial Energy is a global leader in motive power battery and charger systems for electric lift trucks and other material handling equipment. With a strong manufacturing base in both North America and Europe and a truly global reach (operations in more than 80 countries) in sales and service, Exide Technologies Industrial Energy is best positioned to satisfy your power needs locally as well as all over the world.

Based on over 100 years of technological innovation, the Motive Power Division leads the industry with the most recognized global brands,

such as GNB® FLOODED CLASSIC™, TUBULAR-HP®, ELEMENT®, LIBERATOR®, EXIDE FUSION™, ELEMENT® GEL, TITAN®, and SONNENSCHIN®. They have come to symbolize quality, reliability, performance and excellence in all the markets served.

Exide Technologies Industrial Energy takes pride in its commitment to a better environment. Its Total Battery Management program, an integrated approach to manufacturing, distributing and recycling of lead acid batteries, has been developed to help ensure a safe and responsible life cycle for all of its products.

Note: Design and/or specifications are subject to change without notice. If questions arise, contact your local sales representative for clarification.

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