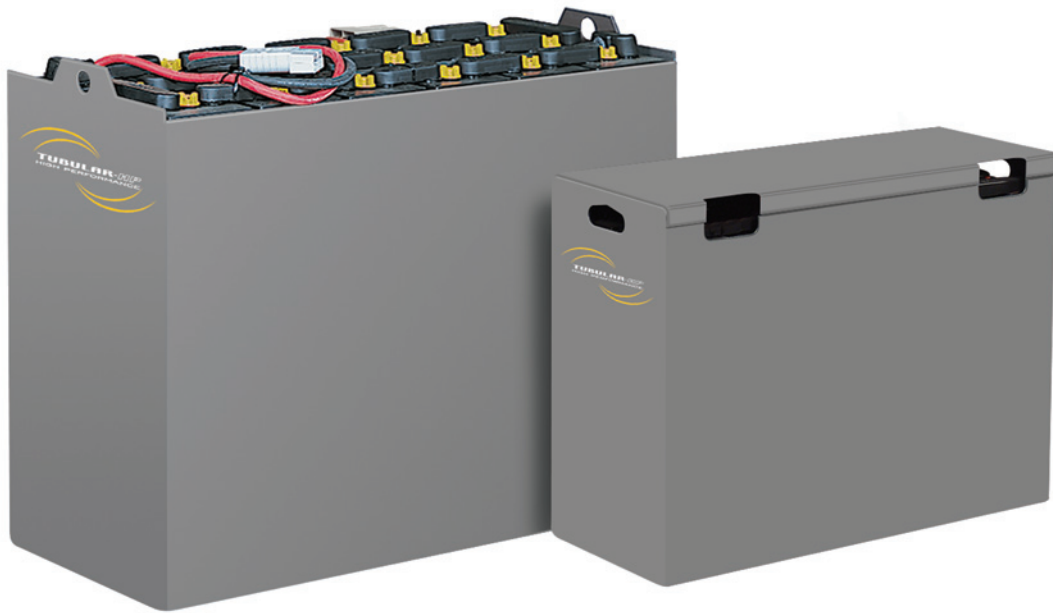


Tubular-HP® High Performance
Motive Power Industrial Batteries
for Lift Truck Classes I, II and III



Tubular-HP High Performance Batteries

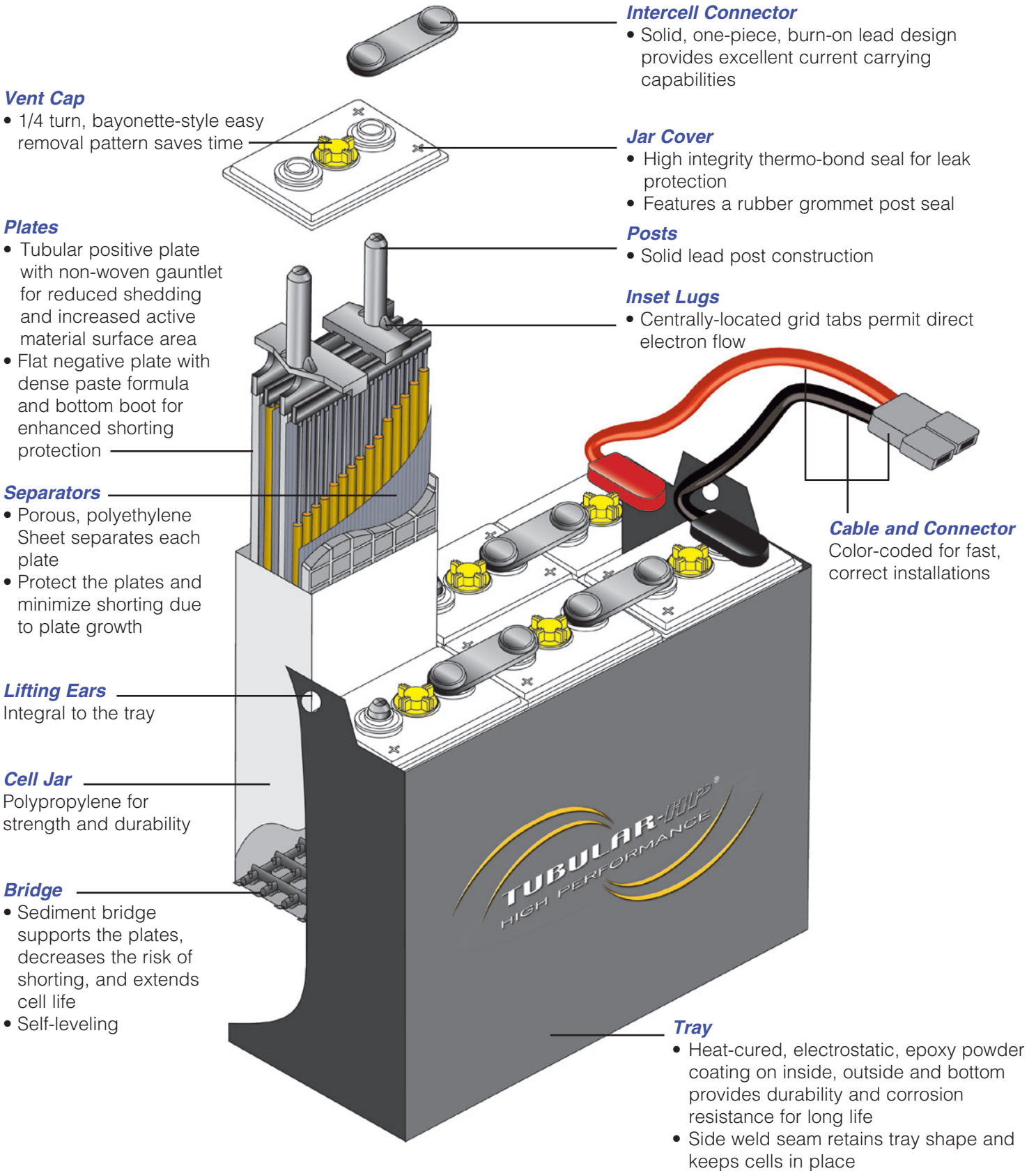
Superior Design Delivers More Power For a Quicker Lift and Longer Life



- Available in 100 and 140 Ahr positive plate sizes that result in battery heights of 22.63" (typical 85 Ahr jar size) and 30.5" (typical 125 Ahr jar size), respectively
- The worlds' most widely used flooded lead-acid battery design
- Designed to deliver more consistent, reliable power than equivalent volume flat-plate batteries by using the same round tubular positive plate technology as the Liberator
- Designed to achieve 1800 cycles when operated to 80% Depth of Discharge (DOD)
- Your lowest cost tubular design option with watering recommended after each 5-10 cycles (depending on the lift truck application and duty)
- Best when charged with GNB® Industrial Power chargers
- Approved for Fast Charging applications
- Warranty - See document GB3980

There's A Tubular-HP Battery For Virtually Every Lift Truck Application.

Advanced Tubular Cell Design...



Vent Cap

- 1/4 turn, bayonette-style easy removal pattern saves time

Plates

- Tubular positive plate with non-woven gauntlet for reduced shedding and increased active material surface area
- Flat negative plate with dense paste formula and bottom boot for enhanced shorting protection

Separators

- Porous, polyethylene Sheet separates each plate
- Protect the plates and minimize shorting due to plate growth

Lifting Ears

Integral to the tray

Cell Jar

Polypropylene for strength and durability

Bridge

- Sediment bridge supports the plates, decreases the risk of shorting, and extends cell life
- Self-leveling

Intercell Connector

- Solid, one-piece, burn-on lead design provides excellent current carrying capabilities

Jar Cover

- High integrity thermo-bond seal for leak protection
- Features a rubber grommet post seal

Posts

- Solid lead post construction

Inset Lugs

- Centrally-located grid tabs permit direct electron flow

Cable and Connector

Color-coded for fast, correct installations

Tray

- Heat-cured, electrostatic, epoxy powder coating on inside, outside and bottom provides durability and corrosion resistance for long life
- Side weld seam retains tray shape and keeps cells in place

...Means Longer Run Time.

GNB Industrial Power – The Industry Leader.



GNB Industrial Power, a division of Exide Technologies, 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, GNB Industrial Power 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 group leads the industry with the most recognized global brands, such as GNB® FLOODED

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

GNB Industrial Power 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.

GNB Industrial Power

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www.exide.com

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