



## 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

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



### High Frequency Charger

The EHF SERIES provide a multi-curve range for standard flooded, low maintenance flooded and low maintenance valve regulated batteries.

The importance of matching battery and charger cannot be underestimated, so when the world's leading manufacturer of motive power batteries dedicates years of research and development to this cause, you can be assured of the optimum in compatibility.



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# GNB® Industrial Power EHF SERIES High Frequency Industrial Charger

## Features:

### Cost Savings

Greater efficiency of power conversion compared to Ferro resonant and SCR technologies results in reduced power consumption and reduced energy costs.

Reduced maximum input currents allow for reduced circuit breaker, cabling, and distribution equipment sizes.

### Light and Compact

Advanced patented monocoque heat sink arrangement facilitates efficient cooling enabling reduced size and weight. Handling and installation costs are therefore lower.

### Multi-Profile

With the EHF Series you can recharge a wide range of battery capacities of different technologies, flooded or valve regulated.

### Efficiency Optimization

The charger ensures that the charging current and voltage remain constant during any mains fluctuations, guaranteeing a constant and optimized charge.

End of charge is detected by the change in voltage over the change in time measure (dV/dt) to avoid risk of under charge or over charge.

### Multi Language

High Resolution LCD Display provides detailed information on the screen in seven selectable languages, including Danish, Dutch, English, French, German, Spanish, and Swedish.

### Cycle History

Data archive available from front panel detailing recharge information from last 250 cycles, including charts from last 15 recharges viewable on the LCD Display.

### Rugged Case

Sturdy steel cabinet with powder coat finish. Designed for rack and wall mounting.

### Technology

Utilizes space saving Planar Transformer design with ferrite core. Zero Volt Switching (ZVS) technology coupled with the latest MOSFET technology results in very high efficiency.

