



# DIN/BS Tubular Motive Power Batteries



Compliant with EN60-254-1 & EN60-254-2,  
IEC254-1 & IEC254-2

## Design Features and Benefits

- Optimized energy density to allow for the high capacity and longer run times in forklifts built for DIN or BS battery types
- Longer run times between charging intervals
- Hadi High pressure die cast positive splines resist corrosion which improves battery life (dense grain structure of tubular grid using pressure die casting)
- Computer designed negative plate provides more efficient current flow to increase performance
- Uniform distribution of active material and weight is achieved through a wet filling process which enhances plate uniformity

## Applications

- Forklifts
- Pallet Jacks
- Automated Guided Vehicles

## Greater Acid Circulation

Exponential Power's round tube design has greater acid circulation than square tube or flat plate positive plates.



ROUND TUBULAR



SQUARE TUBULAR



FLAT PLATE



## Other Features and Benefits

- Round tubular gauntlets provide superior resistance to active material shedding
- Fully enveloped separators reduce the chance of short circuiting
- Rubber terminal bushings absorb impact and shock
- One inch thick posts with brass insert which connects to a highly conductive copper cell connector that allows for greater operating and charging current loads; ideal for opportunity and rapid charge applications
- Completely insulated copper cell connectors prevent short circuiting and have far less voltage leakage to the truck, this is especially important in higher voltage vehicles
- Powder coated epoxy steel trays



Pull Resistant Cables

9002, UL 583 E, EOE, EE approvals

# Special Features

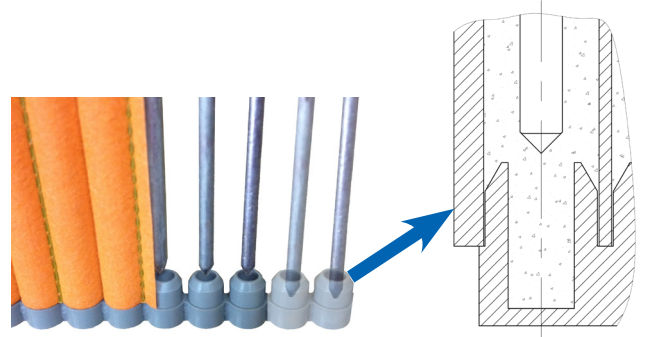


## Bolt-On Connector

- Raised rubber bushing keeps connector from direct contact with electrolyte, reducing corrosion
- Fully insulated bolt-on connector reduces voltage leakage to ground which affects higher voltage systems
- Bolt-on connection forms water-tight seal

## Positive Plate Design – Bottom Bar

- Specially-designed bottom boot allows for positive plate growth during heavy use without loss of material
- Tube is ultrasonically welded to bottom bar
- Longer plastic piece on bottom bar allows for growth of positive spine into bottom bar's cavity during opportunity charging
- Result is longer service life, especially when opportunity charged



# Battery Watering

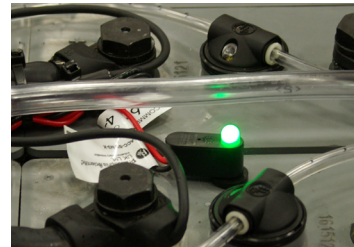
## Optional Flip-Top Caps

- Flip top vent caps for easy filling



## Optional Electrolyte Indicator

Ultra-reliable electrolyte level indicator with green blinking light indicator with green blinking light and single wire connection



Optional Single-Point Watering System