

# LEADING THE CHARGE



## FastCharge

INDUSTRIAL BATTERIES

QUALITY SYSTEM  
CERTIFIED  
**ISO 9001**  
**ISO/TS 16949**  
ENVIRONMENTAL  
SYSTEM CERTIFIED  
**ISO 14001**

***EAST PENN manufacturing co., inc.***



# FastCharge

# BATTERIES



## Leading the Charge

Deka Fast Charge Batteries are built to last longer under rigorous fast charge conditions. Optimized for electrical conductivity and extended performance, they feature:

- Heavy-duty intercell connectors – provides optimal current transfer
- Copper inserted posts (15 plates or less) – improves conductivity
- Single or dual cables and connectors – available based on charger connection requirements
- Optional vented trays and forced air cooling – optimizes air circulation

Deka also offers value added products and services to maximize fast charging productivity, reliability and performance:

- Battery to charger communication devices measure critical data such as AH throughput and operation conditions
- Electrolyte level monitoring and watering systems minimize water time and maintenance expense
- Turn key installation programs, scheduled watering and maintenance programs from the industry's most dependable North American network

### Compare these features which are standard on every Deka battery:

- Exclusive individual plate formation in open tanks optimizes power capacity, cell consistency, and long-term reliability.
- Superior non-porous, precision-cast grids are designed for maximum current-carrying capacity exclusively for motive power applications. The grids are pasted with active material that delivers reliable performance throughout a long service life. All phases of plate production are computer controlled to meet rigid quality control specifications.
- Both the positive and negative plates are cured in temperature/humidity-controlled ovens to ensure optimum plate curing regardless of external environmental conditions.
- The positive plate is protected by a multiple-step retention system, including two layers of vertical mats consisting of fiberglass tape and interwoven glass fibers, a horizontal glass fiber mat, and a perforated retainer envelope. This ensures optimum active material retention for longer life, and provides increased plate insulation for added performance. The positive plates are also surrounded by deep channeled, microporous separators that provide a durable barrier between positive and negative plates, while allowing the free flow of electrolyte throughout the cell, optimizing performance and extending service life.
- No other industrial battery manufacturer can claim these and other features, plus ensure the highest quality material, workmanship and superior engineering technology. All of these important components make the Deka name synonymous with number one quality in the production of precision-built batteries.
- Manufactured in compliance with American National Standards Institute and Underwriters Laboratories Standard Number ANSI/UL583.
- Federal Specification Number W-B-133D.
- Complies with Industrial Truck Association Recommended Practices.



**"POWERED FOR PERFORMANCE"®**

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