

# DURABILITY & DEPENDABILITY

*Where can you find it?*



## D SERIES INDUSTRIAL BATTERIES



QUALITY SYSTEM  
CERTIFIED TO  
**ISO 9001**

E N E R G I E  
**MATRIX**  
E N E R G Y

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



# D SERIES BATTERIES

Decrease downtime and raise profitability with **DEKA INDUSTRIAL MOTIVE POWER BATTERIES**. Available in 35-160 Ah positive models, precision-built **DEKA BATTERIES** provide up to 1600 Ah (at a 6-hour rate) of dependable power for all your material handling needs.

Designed and manufactured with the finest materials under strict computer control, **DEKA INDUSTRIAL MOTIVE POWER BATTERIES** require fewer non-productive change-outs, reducing downtime. All **DEKA BATTERIES** pass through more than 250 quality control checks to assure consistent quality every time. And **DEKA BATTERIES** have the smallest percentage of warranty claims in the industry, substantially decreasing your cost-per-cycle and raising your productivity and profits.

**DEKA INDUSTRIAL MOTIVE POWER BATTERIES** are backed by a nationwide sales and service team, ready to handle all your industrial battery and charger repair and maintenance needs. Our highly skilled technicians come directly to your business site to conduct emergency repairs, preventative maintenance and routine inspections. This on-site service keeps your equipment up and running rather than sitting idle while batteries are sent out for repairs.

MODEL	AH POS	OVERALL HEIGHT		
		NO COVER	DOME COVER	FLAT COVER
D35	35	12-3/8"*	13"	13-1/4"
D45	45	14-7/8"*	15-1/2"	15-3/4"
D55	55	18-1/8"*	18-3/4"	19"
D65	65	20"*	20-5/8"	20-7/8"
D75	75	22-5/8"	23-1/4"	23-1/2"
D85	85	22-5/8"	23-1/4"	23-1/2"
D100	100	25-5/8"	26-1/4"	26-1/2"
D110	110	30-1/2"	31-1/8"	31-3/8"
D125	125	30-1/2"	31-1/8"	31-3/8"
D150	150	30-1/2"	31-1/8"	31-3/8"
D160	160	30-1/2"	31-1/8"	31-3/8"

\* D35, D45, D55 and D65 available in reduced no-cover heights using drop handles. Refer to battery selector guide.

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

- Superior non-porous, precision-cast grids are designed for maximum current-carrying capacity exclusively for motive power applications. The grids are pasted with computer-controlled active material that delivers reliable performance throughout a long service life. All phases of plate production are 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 plates are protected by vertical and horizontal glass mats to help ensure optimum active material retention for longer life, and provide 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.

- Exclusive plate tank formation allows close monitoring during the most important charge of its battery life – the formation charge. Tank formation provides precision temperature control on all tanks in the circuit during this critical phase of capacity development. The process ensures maximum and uniform performance from every plate, and ultimately each cell, in terms of amp-hour capacity and cycle life. Prior to assembly into a cell, each plate receives thorough inspection to verify the highest quality.
- 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.



## EAST PENN manufacturing co., inc.

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