



Precision Construction Makes the Difference

The **DEKA LINE OF INDUSTRIAL BATTERIES** incorporates every feature required by today's user of electric industrial trucks. Designed using East Penn engineering technology. Built by master craftsmen according to strict quality assurance guidelines. **DEKA INDUSTRIAL BATTERIES** are the finest available to meet the demands of today's material handling requirements. Deka precision computer-integrated construction provides reliable performance throughout a long life.

COVER

Heat sealed with lead insert bushing prevents leakage and voltage-to-ground.

O-RING SEAL

Accommodates positive plate growth without cover distortion and leakage.

POST

Special alloy for increased strength and conductivity.

POST PLATE STRAP

Extra-heavy to ensure a permanent connection between posts and plates.

POSITIVE GRID

A non-porous lead alloy casting designed for maximum current carrying capacity, capable of many years of dependable service. Lead alloy is manufactured on-site and undergoes rigid testing before, during and after casting.

ACTIVE MATERIAL

Manufactured on-site to exacting specifications and uniformly applied under rigid laboratory control to ensure maximum efficiency throughout long battery life.

JAR

Molded of high impact-resistant material to remain leak-free under the roughest conditions.

BRIDGE

Provides firm element support and ample sediment space.

BOTTOM SHIELD

Provides extra protection on bottom of positive plate to prevent shorting between plate and sediment.

VENT CAP

Quarter-turn bayonet style simplifies watering and inspection.

SEPARATOR GUARD

White color increases visibility for fast electrolyte check. Solid insulating fingers extend between plate lugs to prevent shorting between plates and straps.

NEGATIVE PLATE

Engineered to complement positive plate performance.

VERTICAL MAT

Laminated construction comprised of uniformly spaced, fine glass tape that imbeds into the active material. Also features an inter-woven glass fiber mat wrapped vertically around the positive plate ensuring optimum active material retention.

HORIZONTAL MAT

Made of glass fibers with an insoluble binder. Breaks up gas bubbles and increases positive plate insulation and performance.

RETAINER

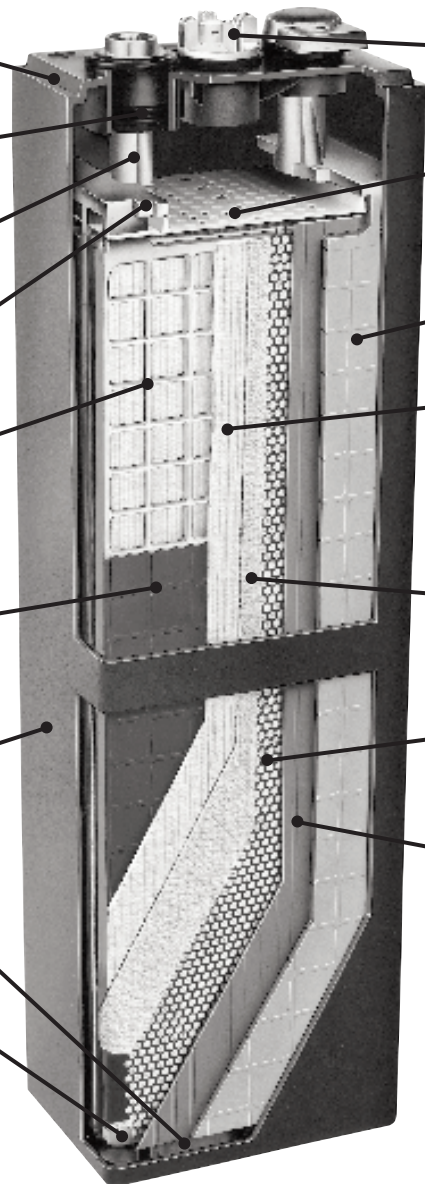
A high porosity perforated envelope that encases positive plates and glass mats to prevent shorts and ensure maximum performance and life.

SEPARATOR

Impervious to heat, acid and corrosion, deep channeled, microporous separators provide insulation between positive and negative plates while allowing the free flow of electrolyte throughout the cell.

ELECTROLYTE

Ample volume to ensure top performance at all rates of discharge.



STEEL TRAY

Heavy gauge with acid-resistant protective coating. Steel covers furnished as required.



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