

LEAD ACID BATTERIES



J&A's Lead Acid Batteries are available in sizes 250, 300, 400, 500, and 800, providing reliable power solutions for railroad and industrial applications. Engineered for durability and long-lasting performance, these batteries deliver consistent energy with minimal maintenance. With a robust design, they handle various environmental conditions, ensuring efficiency across extended periods of use. Each size offers high-capacity power, making them ideal for demanding applications requiring dependable energy storage and distribution. Trust J&A's Lead Acid Batteries for superior performance in critical rail operations.

	CAPACITY	OPERATING TEMPERATURE	WEIGHT	DIMENSIONS	MAX. DISCHARGE CURRENT (5 SECONDS)
JAB 250	250Ah @ 10hr-rate to 1.80V per cell @77°F	-40°F ~ 140°F	40 lbs.	7"x4.5"x15.25"	1,250Ah
JAB 300	300Ah@10hr-rate to 1.80V per cell @25	-40°F ~ 140°F	35 lbs.	7" x6.1"x13.5"	1,500Ah
JAB 400	400Ah @ 10hr.-rate to 1.80V per cell @68°	-40°F ~ 140°F	62 lbs.	7.125"8.125"x15.25"	2,000Ah
JAB 500	500Ah @ 10hr.-rate to 1.80V per cell @68°	-40°F ~ 140°F	75 lbs.	7.125"x9.875"x15.25"	2,500Ah
JAB 800	800Ah @ 10hr.-rate to 1.80V per cell @68°	-40°F ~ 140°F	94 lbs.	12.25"x7.25"x15.25"	3,500Ah

NI-CD BATTERIES



GAZ® Ni-Cd batteries offer several key advantages for the railroad industry. They provide long-lasting durability with a service life of up to 20 years, reducing the need for frequent replacements. These batteries perform exceptionally well in extreme temperature conditions, making them reliable in harsh rail environments. Their high reliability ensures a consistent power supply without the risk of sudden failure, and they require minimal maintenance, lowering downtime and costs. Additionally, GAZ® Ni-Cd batteries are safe to recycle and offer a low life-cycle cost, making them a cost-effective solution for long-term use.

-  **Ni-Cd has exceptionally long operational lifetime**
-  **Ni-Cd is the most reliable battery**
-  **Ni-Cd has low life-cycle cost**
-  **Ni-Cd is suited for the use in every sector**
-  **Ni-Cd operates even in relentless temperatures**
-  **Ni-Cd is perfect for most applications**
-  **Ni-Cd can be safely recycled**
-  **Ni-Cd means no risk of sudden failure**

Gas drying or flame arresting vent

Safety Terminal
Redundant leak protection minimizes carbonate formation.

Electrode Edge
Connected to pole bolt by screwing or welding.

Electrode Frame
Consisting of electrode edge and side bars. Seals the plates and works as a current collector.

Corrugated perforated plastic separator or bar separator
Insulates the plates and allows free circulation of electrolyte.

Horizontal Pockets
Formed by perforated steel strips containing the active material.

Distance Plate
Prevents movement of the electrode pack.

