RAYOVAC® INDUSTRIAL MAXIMUM D-CELL BATTERIES

ITEM # 7-ALD

TECHNICAL SPECIFICATION SHEET

Heavy-Duty Alkaline Primary Cells — 6-Pack Contractor Shrink-Wrap

Product Overview: Distributed by DiversiTech for HVAC/R, electrical, and industrial maintenance professionals, the Rayovac® Industrial Maximum Alkaline D-Cell (Item #7-ALD) delivers dependable, long-lasting power for high-drain and continuous-use commercial equipment. Engineered to prevent damaging leaks and withstand demanding job-site storage and operating temperatures.

ELECTRICAL & CHEMICAL SPECIFICATIONS

Electrochemical System	Alkaline (Zinc / Manganese Dioxide, Zn/MnO_2)
Nominal Voltage	1.5 Volts DC
Cell Size / Designation	D-Cell (ANSI / NEDA 13A, 13AC • IEC LR20)
Operating Temp. Range	-30°C to 55°C (-22°F to 131°F)
Recommended Storage	10°C to 25°C (50°F to 77°F), ≤65% RH
Shelf Life / Freshness	Up to 10 years at room temperature
Rechargeable	No (Primary single-use cell)

PHYSICAL DIMENSIONS (PER CELL)

Diameter (Max)	34.2 mm (1.35 in.)
Overall Height (Max)	61.5 mm (2.42 in.)
Typical Cell Weight	~139 g (4.9 oz) per cell
Jacket / Construction	Steel can with corrosion-resistant foil/plastic label
Terminals	Flat negative base / protruding positive button cap

ORDERING & PACKAGING INFORMATION

Distributor / Brand	DiversiTech / Rayovac® Industrial
DiversiTech Part Number	**7-ALD**
OEM Stock Reference	AL-D / AL-D6
UPC / GTIN	012800000425
Unit Package Quantity	6 Batteries per Shrink-Wrapped Pack
Pack Weight (Approx.)	0.85 kg (1.88 lbs)
Country of Origin	Made in the USA (with U.S. & global parts)

KEY FEATURES & INDUSTRIAL BENEFITS

- **High-Drain Formulation:** Optimized active cathode density provides extended runtime in heavy-load motors, pumps, and high-lumen work lights.
- **Leakage Protection:** Engineered seal design resists electrolyte leakage during extended storage and deep discharge.
- **Contractor Packaging:** Compact 6-cell industrial shrink-wrap reduces excess blister waste and fits easily into toolboxes and service trucks.
- **Date-Coded Freshness:** Each cell is stamped with a clear expiration date for streamlined inventory rotation.

TYPICAL HVAC/R & FACILITY APPLICATIONS

- Portable condensate transfer & oil pumps
- Industrial flashlights, lanterns, and emergency lighting
- Electronic refrigerant scales & diagnostic meters
- Commercial touchless dispensers, sensors, and safety alarms

Safety, Environmental & Regulatory Compliance

Mercury & Cadmium Free: Formulated with zero added mercury or cadmium; meets U.S. Federal (Mercury-Containing and Rechargeable Battery Management Act) and EU Battery Directive standards for safe municipal disposal in normal quantities.
Transport Classification: Non-hazardous / Not restricted under DOT, IATA, and IMDG regulations when packaged to prevent short-circuiting.
Usage Precautions: Do not recharge, disassemble, incinerate, or expose to extreme heat. Replace all batteries in a device simultaneously and avoid mixing old and new cells or different battery chemistries.