

Acceptable Dry Cell Batteries



Alkaline and Carbon Zinc Batteries

Description: Small dry-cell batteries, sealed, non-rechargeable, Carbon Zinc batteries are labeled general purpose or heavy duty

Formats: AA, AAA, D-cell, C-cell, 9-volt, button cells

Common Uses: Cameras, toys, watches, handheld electronics

Safety: Non-spillable, non-toxic, can leak with age



Hybrid Automotive Batteries

Description: Large, dry-cell batteries, NiMH and Li-ion most common, sealed, rechargeable

Formats: Large pack of small cells

Common Uses: Hybrid automobiles

Safety: Non-spillable



Lead Acid Gel Batteries

Description: Small to medium, dry-cell batteries, sealed, rechargeable

Formats: Rectangular, custom sizes in hard plastic case

Common Uses: wheel chairs, scooters, golf carts, ride-on electric toys, boats, RVs, military aircraft, portable tools and instruments

Safety: Non-spillable gelled electrolyte, lead is a toxic heavy metal, can cause fire if short-circuited



Lithium (Primary) Batteries

Description: Small dry-cell batteries, sealed, non-rechargeable

Formats: Button cells, AA, AAA, 9-volt, small-cylinder, custom sizes

Common Uses: Watches, cameras, handheld electronics, tire-pressure sensors, alarms, memory backup, high-temperature applications, pacemakers, remote car locks

Safety: Non-spill-able, non-toxic, can overheat or explode if short-circuited



Lithium-ion (Li-ion) Batteries

Description: Small dry-cell batteries, sealed, rechargeable

Formats: custom sizes in hard plastic case, small-cylinder, button cells

Common Uses: Cell phones, laptop computers, power tools, hybrid automobiles (see Hybrid Automobile section also), video cameras, handheld electronics

Safety: Non-spillable, non-toxic



Mercury Batteries

Description: Small dry-cell batteries, sealed, non-rechargeable

Formats: AA, 9-volt, small-cylinder, custom sizes

Common Uses: Cameras, medical devices, military

Safety: Non-spillable, toxic, never incinerate - produces highly toxic vapors



Nickel-Cadmium (NiCd) Batteries

Description: Small dry-cell batteries, sealed, rechargeable

Formats: AA, AAA, C, D, small-cylinder, poly-wrapped cell packs, custom sizes in hard plastic case

Common Uses: Cell phones, laptop computers, power tools, handheld electronics, toys, R/C hobby vehicles, medical equipment

Safety: Non-spillable, cadmium is a toxic heavy metal, never incinerate - produces toxic cadmium vapors



Nickel Metal Hydride (NiMH) Batteries

Description: Small dry-cell batteries, sealed, rechargeable

Formats: AA, AAA, C, D, poly-wrapped cell packs, small-cylinder, custom sizes

Common Uses: Cell phones, laptop computers, PDAs, power tools, hybrid automobiles (see Hybrid Automobile section also), cameras, handheld electronics and R/C hobby vehicles

Safety: Non-spillable, non-toxic



Silver Oxide Batteries

Description: Small to large dry-cell batteries, sealed, non-rechargeable

Formats: Button cells, high-voltage small-cylinder, large custom sizes

Common Uses: Watches, hearing aids, cameras, torpedoes and aircraft

Safety: Non-spillable, non-toxic



Zinc Air Batteries

Description: Small dry-cell batteries, sealed, non-rechargeable

Formats: Button cells, 9-volt, custom sizes

Common Uses: Hearing aids, watches, electric vehicles (mechanically recharged)

Safety: Non-spillable, non-toxic