

List of battery types

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This **list of battery types** is grouped by types of battery.



One of myriad types of battery.

Types

Primary cells or non-rechargeable batteries	Secondary cells or rechargeable batteries	Batteries by application
<ul style="list-style-type: none"> ▪ Alkaline battery (zinc manganese oxide, carbon) ▪ Aluminium–air battery ▪ Aluminium-ion battery ▪ Atomic battery <ul style="list-style-type: none"> ▪ Betavoltaics ▪ Optoelectric nuclear battery ▪ Nuclear micro-battery ▪ Bunsen cell ▪ Chromic acid cell (Poggendorff cell) ▪ Clark cell ▪ Daniell cell ▪ Dry cell ▪ Earth battery ▪ Frog battery ▪ Galvanic cell ▪ Grove cell ▪ Leclanché cell ▪ Lemon/potato battery ▪ Lithium battery ▪ Lithium air battery ▪ Magnesium battery ▪ Mercury battery ▪ Molten salt battery ▪ Nickel oxyhydroxide battery <ul style="list-style-type: none"> ▪ Oxyride battery ▪ Organic radical battery ▪ Paper battery ▪ Pulvermacher's chain ▪ Silver-oxide battery ▪ Solid-state battery ▪ Voltaic pile <ul style="list-style-type: none"> ▪ Penny battery ▪ Trough battery ▪ Water-activated battery ▪ Weston cell ▪ Zinc–air battery ▪ Zinc–carbon battery ▪ Zinc chloride battery 	<ul style="list-style-type: none"> ▪ Flow battery <ul style="list-style-type: none"> ▪ Vanadium redox battery ▪ Zinc–bromine battery ▪ Zinc–cerium battery ▪ Lead–acid battery <ul style="list-style-type: none"> ▪ Deep cycle battery ▪ VRLA battery ▪ AGM battery ▪ Gel battery ▪ Lithium air battery ▪ Lithium-ion battery <ul style="list-style-type: none"> ▪ Lithium ion lithium cobalt oxide battery (ICR) ▪ Lithium ion manganese oxide battery (IMR) ▪ Lithium ion polymer battery ▪ Lithium iron phosphate battery ▪ Lithium–sulfur battery ▪ Lithium–titanate battery ▪ Thin film lithium-ion battery ▪ Magnesium-ion battery ▪ Molten salt battery ▪ Nickel–cadmium battery <ul style="list-style-type: none"> ▪ Nickel–cadmium battery vented cell type ▪ Nickel hydrogen battery ▪ Nickel–iron battery ▪ Nickel metal hydride battery <ul style="list-style-type: none"> ▪ Low self-discharge NiMH battery ▪ Nickel–zinc battery ▪ Organic radical battery ▪ Polymer-based battery ▪ Polysulfide bromide battery ▪ Potassium-ion battery 	<ul style="list-style-type: none"> ▪ Automotive battery ▪ Backup battery ▪ Battery (vacuum tube) ▪ Battery pack ▪ Battery room ▪ Biobattery ▪ Button cell ▪ CMOS battery ▪ Common battery ▪ Commodity cell ▪ Electric vehicle battery ▪ Flow battery ▪ Inverter battery ▪ Lantern battery ▪ Nanobatteries <ul style="list-style-type: none"> ▪ Nanowire battery ▪ Local battery ▪ Polapulse battery ▪ Photoflash battery ▪ Reserve battery ▪ Smart battery system ▪ Watch battery ▪ Water-activated battery ▪ Wet cell ▪ Zamboni pile ▪ Zinc–carbon battery (manganese oxide)

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| | <ul style="list-style-type: none">▪ Rechargeable alkaline battery▪ Rechargeable fuel battery▪ Silicon air battery▪ Silver-zinc battery▪ Silver calcium battery▪ Sodium-ion battery▪ Sodium–sulfur battery▪ Sugar battery▪ Super iron battery▪ UltraBattery | |
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See also

- List of battery sizes
- Battery nomenclature
- Comparison of battery types
- List of energy densities

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Categories: Battery (electricity)

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