

PERIODIC TABLE OF ELEMENTS USED IN BATTERIES

KEY

- Used in anode material
- Used in cathode material
- Li-ion batteries
- NiCd/NiMH batteries
- Lead-acid batteries
- Alkaline batteries
- Other batteries

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|----------------|----------------|----|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-----------------|---------------|-----------------|----|--|----|----|
| H ⚡ | | | | | | | | | | | | | | | | | | | He |
| Li 🔋 | Be | | | | | | | | | | | B | C 🔋 | N | O 🔋🔋🔋 | F | | Ne | |
| Na ⚡ | Mg ⚡ | | | | | | | | | | | Al ⚡ | Si ⚡ | P 🔋 | S ⚡ | Cl | | Ar | |
| K ⚡ | Ca ⚡ | Sc | Ti ⚡ | V ⚡ | Cr ⚡ | Mn ⚡🔋 | Fe 🔋⚡ | Co 🔋⚡ | Ni ⚡🔋 | Cu | Zn 🔋 | Ga | Ge | As | Se | Br | | Kr | |
| Rb | Sr | Y | Zr ⚡ | Nb | Mo | Tc | Ru | Rh | Pd | Ag ⚡ | Cd ⚡ | In | Sn | Sb | Te | I | | Xe | |
| Cs | Ba | | Hf | Ta | W | Re | Os | Ir | Pt | Au | Hg ⚡ | Tl | Pb 🚗🚗 | Bi | Po | At | | Rn | |
| Fr | Ra | | Rf | Db | Sg | Bh | Hs | Mt | Ds | Rg | Cn | Nh | Fl | Mc | Lv | Ts | | Og | |
| | | | La ⚡ | Ce ⚡ | Pr ⚡ | Nd ⚡ | Pm | Sm | Eu | Gd | Tb | Dy | Ho | Er | Tm | Yb | | Lu | |
| | | | Ac | Th | Pa | U | Np | Pu | Am | Cm | Bk | Cf | Es | Fm | Md | No | | Lr | |