

# What Is The Difference Between Primary And Secondary Cells

| Distinction between Primary, Secondary & Fuel cells                    |   |
|--|---|
| Primary  | Secondary   |
| 1) It only acts as galvanic or voltaic cell, i.e. produces electricity | 1) It acts as galvanic or voltaic cell while discharging or produces electricity and acts as electrolytic cell (consumes electricity) |
| 2) Cell reaction is not reversible                                     | 2) Cell reaction is reversible  |
| 3) Can't be recharged  | 3) Can be recharged   |
| 4) Can be used as long as the active materials are present             | 4) Can be used again and again by recharging  |
| 5) Commonly used in Dry cell, Lithium cell                             | 5) Lead storage battery, Ni-Cd battery, Lithium ion cell  |
| 6) Used in flash cameras, watches, Transistors, radios etc.            | 6) Used in automobiles, equipments, automobile vehicles due to its light weight (except of a storage of fuel water for astronauts)    |
|  | 7) Energy can be withdrawn continuously   |
|  | 8) Recharge should be replenished continuously if does not store energy   |
|  | 9) Recharge should be replenished continuously if does not store energy   |
|  | 10) Fuel cell   |
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WHAT IS THE DIFFERENCE BETWEEN PRIMARY AND SECONDARY CELLS