



Types of Batteries

Primary Batteries

In these cells, the electrode and the electrode reactions cannot be reversed by passing external electric current. The reaction occurs only once and after use they become dead. Therefore, they are not rechargeable

Example: Dry cell, Mercury cell, Alkaline Battery

Secondary batteries

In these cell, the electrode and the electrode reactions can be reversed by passing external electric current, Therefore they can be recharged by passing electric current and used again and again. These are also called Storage cells or Accumulators

Examples: Lead acid batteries, Nickel cadmium battery

Flow batteries

In these cells, the reactants, Product and electrolytes are continuously passing through the cell. It converts chemical energy into electrical energy

Example: Hydrogen-Oxygen fuel cell