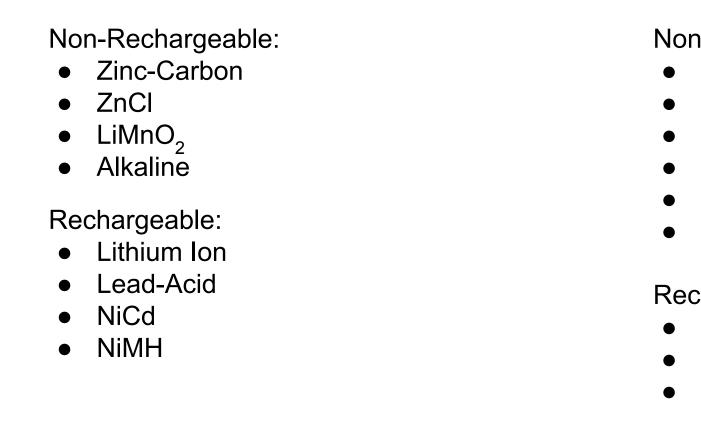
- Tready reaction between metals produces an electric poter from anode to cathode
- **Rechargeable batteries** the electron potential can be voltage onto the battery, resulting in a reversal of the initially.

The exact energy can be calculated using the following equation

- $E^{\circ}_{cell} = E^{\circ}_{cathode} E^{\circ}_{anode}$   $\Delta G = -nFE^{\circ}_{cell}$

## **Examples of Batteries**



E