## What is an EV battery made out of? Each lithium-ion cell contains three major parts: Anode (Graphite) current Electrolyte (Lithium salts) Cathode (Differing formulations) The chemistry of cathodes Electric batteries are at the heart of the EV revolution, and cathode composition is the Charge main differentiating factor in lithium-ion batteries. Here are some of the main blend Discharge of raw materials manufacturers use 5% Aluminium 33.3% 33.3% Cobalt Nickel 15% 100% 100% Cobalt **NMC** NCA Cobalt Manganese LiNiMnCoO2 LiNiCoAlO2 LCO LMO 80% LiCoO2 LiMn204 Nickel 33.3% Manganese Example: Example: Example: Example: Tesla Model S Tesla Powerwall Apple iphone Nissan Leaf

Source: Visual Capitalist