$2 H_2O (I) \rightarrow O_2(g) + 4 H^+(aq) + 4 e^ 2 H_2^{O}(I) + 2 e^- \rightarrow H_2^{(g)} + 2 OH_{(aq)}^{-}$ H₂ battery 00 00 e⁻ e' Water