

THE BATTERY

The battery is a source of electrical energy. It consists of several cells connected in series. Each cell contains a positive terminal (cathode) and a negative terminal (anode). The chemical reaction inside the cells produces an electric current that flows from the positive terminal to the negative terminal.

Terminal	Material	Reaction
Positive (+)	Lead	$Pb + H_2SO_4 \rightarrow PbSO_4 + 2H^+$
Negative (-)	Zinc	$Zn + H_2SO_4 \rightarrow ZnSO_4 + H_2$

ATOMIC STRUCTURE

