

# Global and India 18650 Lithium Battery Market Research by Company, Type & Application 2013-2025

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## Abstracts

### SUMMARY

A lithium-ion battery or Li-ion battery is a type of rechargeable battery in which lithium ions move from the negative electrode to the positive electrode during discharge and back when charging. Li-ion batteries use an intercalated lithium compound as one electrode material, compared to the metallic lithium used in a non-rechargeable lithium battery. The electrolyte, which allows for ionic movement, and the two electrodes are the constituent components of a lithium-ion battery cell. Cells with a cylindrical shape are made in a characteristic 'swiss roll' manner, which means it is a single long sandwich of positive electrode, separator, negative electrode and separator rolled into a single spool. The main disadvantage of this method of construction is that the cell will have a higher series inductance.

Market Segment as follows:

By Type

LiCoO<sub>2</sub> Battery

NMC/NCA Battery

LiFePO<sub>4</sub> Battery

Others

By Application

Power Banks

Laptop Battery Packs

Electric Vehicles

Flashlights

Cordless Power Tools

Others

By Company

Eastman

Panasonic(Sanyo)

Samsung SDI

LG Chem

Sony

Johnson Controls

Hitachi

Tianjin Lishen

Hefei Guoxuan

Dongguan Large Electronics

OptimumNano

DLG Electronics

Zhuoneng New Energy

CHAM BATTERY

Padre Electronic

The main contents of the report including:

Section 1:

Product definition, type and application, global and India market overview;

Section 2:

Global and India Market competition by company;

Section 3:

Global and India sales revenue, volume and price by type;

Section 4:

Global and India sales revenue, volume and price by application;

Section 5:

India export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

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