

# **Global 18650 Lithium Battery Market Study 2015-2025, by Segment (LiCoO<sub>2</sub> Battery, NMC/NCA Battery, LiFePO<sub>4</sub> Battery), by Market (Power Banks, Laptop Battery Packs, NMC/NCA Battery, Electric Vehicles), by Company (Eastman, Panasonic(Sanyo), Samsung SDI)**

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## **Abstracts**

### Snapshot

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.

The global 18650 Lithium Battery market will reach xxx Million USD in 2018 and with a CAGR of xx% between 2019-2025.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

LiCoO<sub>2</sub> Battery

NMC/NCA Battery

LiFePO4 Battery

Others

Demand Coverage (Market Size & Forecast, Consumer Distribution):

Power Banks

Laptop Battery Packs

Electric Vehicles

Flashlights

Cordless Power Tools

Others

Company Coverage (Sales data, Main Products & Services etc.):

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

#### Major Region Market

North America

Europe

Asia-Pacific

South America

Middle East & Africa

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