

Global 18650 Lithium Battery Market Data Survey Report 2015-2025

<https://marketpublishers.com/r/GF5A86BDCF7EN.html>

Date: December 2019

Pages: 68

Price: US\$ 1,500.00 (Single User License)

ID: GF5A86BDCF7EN

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.

The global 18650 Lithium Battery market will reach xxx Million USD in 2020 with CAGR xx% 2020-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers profile, products & services, sales data of business

Global market size by Major End-Use

Global market size by Major Type

Key manufacturers are included based on company profile, sales data and product specifications 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 applications as follows:

Power Banks

Laptop Battery Packs

Electric Vehicles

Flashlights

Cordless Power Tools

Others

Major Type as follows:

LiCoO₂ Battery

NMC/NCA Battery

LiFePO₄ Battery

Others

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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