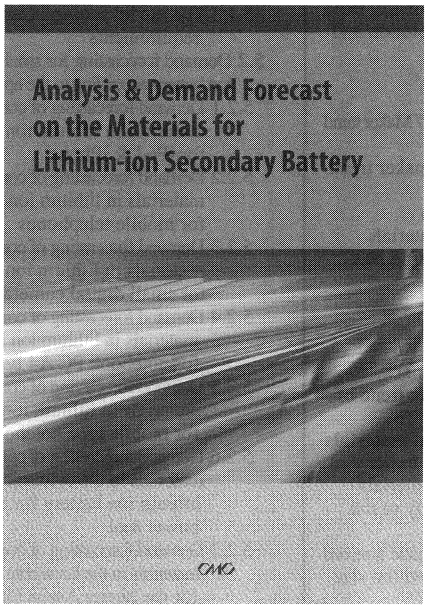
Analysis & Demand Forecast on the Materials for Lithium-ion Secondary Battery



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Book description

The constitution of the raw materials of these batteries changes greatly while demand for various secondary batteries (Nickel-Cadmium : Ni-Cd, Nickel Metal Hydride : NiMH and a Lithium Ion) structure changes, and it is going to be grown a wound new demand. In such a change, a change of the market is an important problem to be connected for production schedule directly for the materials maker of the Lithium Ion Battery and the associated industry.

- The materials of any kind of performance and function,
- As of when, it is how much amount,
- At any cost level,
- It is how much scale as a market of the total,
- A future trend, correspondence with the number of concrete batteries of the machinery which lithium ion battery is put on,
- An electric power tool as the new battery market and electric assist bicycle,
- The deployment and the demand scale of the lithium ion to an ultimate hybrid car,

If the applied market of the lithium ion battery escalates it in many fields, this investigation report is accompanied, and from the viewpoint "how quantity of indispensability of constitution materials links", analyzes the constitution materials of the Lithium-ion Battery, and there is me for the purpose of it is based on data, and judging the requirements, a market size and a demand change according to materials according to the use.

If it is it with a help when the plan of the companies which did it including the materials maker where the analysis data of this investigation report and the technique of the market analysis are related to a Lithium-ion Secondary Battery, development, the various places of the field of business read a market, We are happy.

April, 2010

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—An object and a summary of the research —

<Research object battery>

(1) A small mobile use (<1 Ah/single cell) : mobile telephone, digital camera, note PC
(2) A medium-scale power use(<10 Ah/single cell) : electric tools, electric assist bicycle
(3) A large-scale power use (module) : hybrid car, battery car
(4) A large-scale energy use (module) : Natural energy accumulation of electricity (the wind power, solar power), new transportation system

<Field of research object>

(1) Hybrid and electric car (Japan, U.S.A., Europe and Asian maker)
(2) An electric assist bicycle (A domestic marketing maker)
(3) An electric power tool (A domestic marketing maker, others)
(4) A mobile device, others

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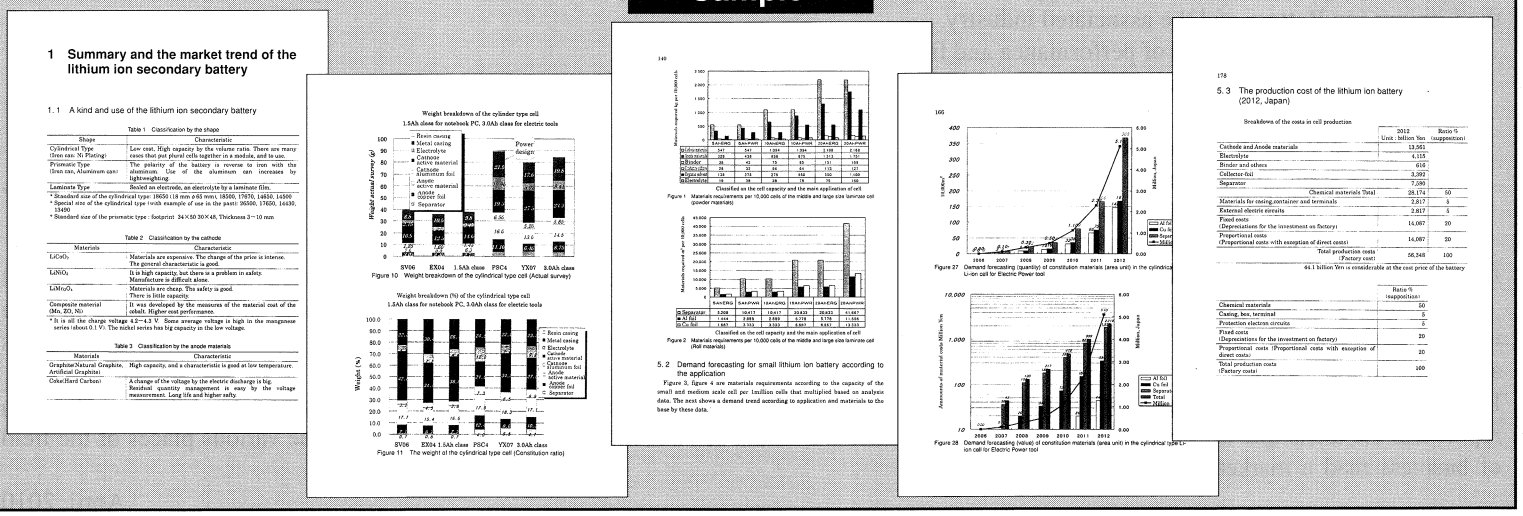

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