

Investment Opportunities

Electronics: Lithium-ion Battery

Investment Highlights

Korea's Unique Lithium iron Phosphate (LFP) Battery Manufacturer

- The lithium iron phosphate battery is very safe from the risk of explosion, along with high energy density and output, which ensure homogeneity. Thus, it is highly applicable to a two-wheeled electric car.

- ① The use of cost effective iron and phosphate as raw materials ensures cost competitiveness.
- ② The application of our self-developed eco-friendly material production process: water is used instead of harmful chemicals.
- ③ Our self technologies are used to synthesize materials, manufacture cells, and design and manufacture packs.

Product & Services

LFP (lithium iron phosphate) Battery

- Lithium iron phosphate as bipolar materials
- A pouch type cell with a capacity of 30 Ah
- A battery pack, a combination of pouch type cells and the battery management system (BMS)



Category	A Co.	B Co.	CM Partner
Cell Capacity (Ah)	19.5	20	30
Nominal Voltage (V)	3.3	3.2	3.3
Energy Content (Wh)	65	64	96
Specific Energy (Wh/kg)	131	126	141
Energy Density (Wh/L)	247	247	252
Cycle Life	≤ 2,500 (DOD 90%)	≤ 1,000 (DOD 80%)	≤ 2,000 (DOD 80%)

Company Profile

Date of Foundation	No. of Employees	Listed or Not
April 1987	132 (as of 2017)	Unlisted
Patents and Certificates	Registration of 2 patents for a method for battery electrode active materials and a method for manufacturing LFP batteries using them <ul style="list-style-type: none">➢ Preparation method of secondary battery electrode active material➢ Fabrication method for electrode active material and lithium battery comprising electrode active material fabricated therefrom	

Financial Figures

(Unit : USD million)

	2015 (Audited)	2016 (Audited)	2017.1H (Unaudited)
Sales	26.96	27.81	12.08
Operating Profit	1.64	2.85	(0.50)
EBITDA	2.01	3.45	0.09

Investment Requirement

Investment structure: All available
Investment amount: USD 10-50 million
Region: North America, Europe, Japan, Middle East

For more detail Teaser Memorandum and information please contact below Project Manager
Electronics PM: tea@kotra.or.kr