

**Business Opportunity in  
Manufacturing of**

# **Lithium Ion (Lifepo4) Cell**



The lithium iron phosphate battery (LiFePO<sub>4</sub> battery) or LFP battery (lithium Ferro phosphate), is a type of lithium-ion battery using LiFePO<sub>4</sub> as the cathode material, and a graphitic carbon electrode with a metallic backing as the anode. The energy density of LiFePO<sub>4</sub> is lower than that of lithium cobalt oxide (LiCoO<sub>2</sub>), and also has a lower operating voltage. The main drawback of LiFePO<sub>4</sub> is its low electrical conductivity. Therefore, all the LiFePO<sub>4</sub> cathodes under consideration are actually LiFePO<sub>4</sub>/C. Because of low cost, low toxicity, well-defined performance, long-term stability, etc. LiFePO<sub>4</sub> is finding a number of roles in vehicle use, utility scale stationary applications, and backup power. LFP batteries are cobalt-free.

**Related project:** - [Lithium Ion Battery](#)



# Uses of Lithium Ion (Lifepo4) Cell

## Home Energy Storage

Enphase produces LFP batteries in 3kWhr and 10kWhr sizes for home energy storage, distributed energy, off-grid, and micro grid use.

## Transportation

Higher discharge rates needed for acceleration, lower weight and longer life makes this battery type ideal for forklifts, bicycles and electric cars. 12V LiFePO4 batteries are also gaining popularity as a second (house) battery for a caravan, motor-home or boat.

**Related books:** - [Automobile Industry, Automotive Components & Allied Products](#)





## Solar-Powered Lighting Systems

Single "14500" (AA battery-sized) LFP cells are now used in some solar-powered landscape lighting instead of 1.2 V NiCd/NiMH. LFP's higher (3.2 V) working voltage lets a single cell drive an LED without circuitry to step up the voltage. Its increased tolerance to modest overcharging (compared to other Li cell types) means that LiFePO<sub>4</sub> can be connected to photovoltaic cells without circuitry to halt the recharge cycle. The ability to drive an LED from a single LFP cell also obviates battery holders, and thus the corrosion, condensation and dirt issues associated with products using multiple removable rechargeable batteries.

**Related videos:** - [Renewable Energy Sector, Green Power, Solar Energy](#)

# Manufacturing Process Lithium Ion (Lifepo4) Cell

Li-ion batteries are composed of four main components namely cathode, anode, electrolyte, and separator. Lithium-ion battery generates electricity because of continuous reactions of lithium.



## **Cathode**

A cathode determines the capacity and voltage of a Li-ion battery. The cathode of a Li-ion battery is lithium oxide, since lithium is unstable in the element form. A thin aluminium foil holds the frame of the cathode, which is coated with a compound made up of active material, conductive additive and a binder.

**Related projects:** - [Renewable Energy, Non-conventional Energy, Solar Energy, Biofuel, Biomass Projects](#)

## Anode

The anode is also coated with an active material that enables the flow of electric current through the external circuit while also allowing the reversible absorption or emission of lithium ions that are released from the cathode. When the battery is being charged, lithium ions get stored in the anode and not the cathode. When the conducting wire connects the cathode to the anode in the discharge state, lithium ions flow back to the cathode through the electrolyte, and the electrons get separated from lithium ions and move along the wire generating electricity.

**Books: - [BOOKS & DATABASES](#)**





## **Electrolyte**

Electrolyte is a major component of a Li-Ion Battery as it facilitates the movement of the lithium ions between the cathode and the anode and the electrons move through the wire. An electrolyte is generally composed of chemicals with high ionic conductivity to facilitate the movement of Li-Ion

## **Separator**

While the cathode and anode determine the basic performance of a battery, electrolyte and separator determine the safety of a battery. The separator acts as a physical barrier by keeping the cathode and anode apart. It also prevents the direct flow of electrons and allows only the lithium ions to pass through the internal microscopic hole.

**Profile; - [Project Reports & Profiles](#)**

The lithium iron phosphate battery market across North America, Europe, Asia-Pacific, Latin America, and MEA. North America is further segmented into U.S., Canada, and Mexico. Europe is divided into Germany, UK, Italy, France, and Rest of Europe. Asia-Pacific is bifurcated into China, India, Japan, and Rest of Asia-Pacific. Asia-Pacific dominated the global market owing to the established automotive sector, and growing demand for consumer electronics. The global lithium iron phosphate battery market size was valued at USD 4.91 billion in 2019 and is expected to grow at a compound annual growth rate (CAGR) of 15.2% from 2020 to 2027.

**Market Research; - [Market Research Report](#)**





The government approved the production-linked incentive (PLI) scheme in advance chemistry cell (ACC) battery manufacturing on 11 November 2020 in addition to 10 other sectors. The scheme's battery policy aims to make manufacturers globally competitive, boost exports, achieve economies of scale and produce cutting edge products. This is an effort to promote the use of electric vehicles (EV), which have faced headwinds in India given the high battery costs and lack of supporting infrastructure. Indian companies generally import batteries, which account for more than half the cost of an EV. The government has proposed the building of local manufacturing facilities, seeking to reduce the cost and encourage competition. The government has demonstrated its desire to push India towards clean energy and transportation, exemplified by the ambitious target of 450 GW of renewable power generation by 2020.

Apart from championing EVs, there has been a notable push for round the clock supply of power from renewable energy, which involves providing for energy storage, through ACC batteries. Key aspects of the scheme are firstly that the proposed battery policy is output-based rather than input-based. The subsidy is linked to the output manufactured and the value addition achieved by private entities. Private entities will be eligible for a government subsidy only if they achieve a 60% value addition within five years of the date of commencement of the project, which is when they are expected to reach full-scale production. Any new technology that evolves over the next 10 years will also be eligible for a subsidy.



Next, the government has allocated ₹570 billion (US\$7.7 billion) under the scheme to the automobile industry for the next five years. In fact, ₹180 billion (US\$2.4 billion) has been allocated in advance to ACC manufacturing industries. The government will pay a set subsidy (as bid for by the private entity) to the manufacturer for a period of 10 years, subject to discounting over the years. Such discounting would take into account economies of scale and reduced manufacturing costs.



- ❑ BYD Company Ltd.
- ❑ A123 Systems LLC,
- ❑ K2 Energy
- ❑ Electric Vehicle Power System Technology Co., Ltd.
- ❑ Bharat Power Solutions
- ❑ OptimumNano Energy Co., Ltd.
- ❑ LiFeBATT, Inc.

# Machinery photograph

## VACUUM OVEN



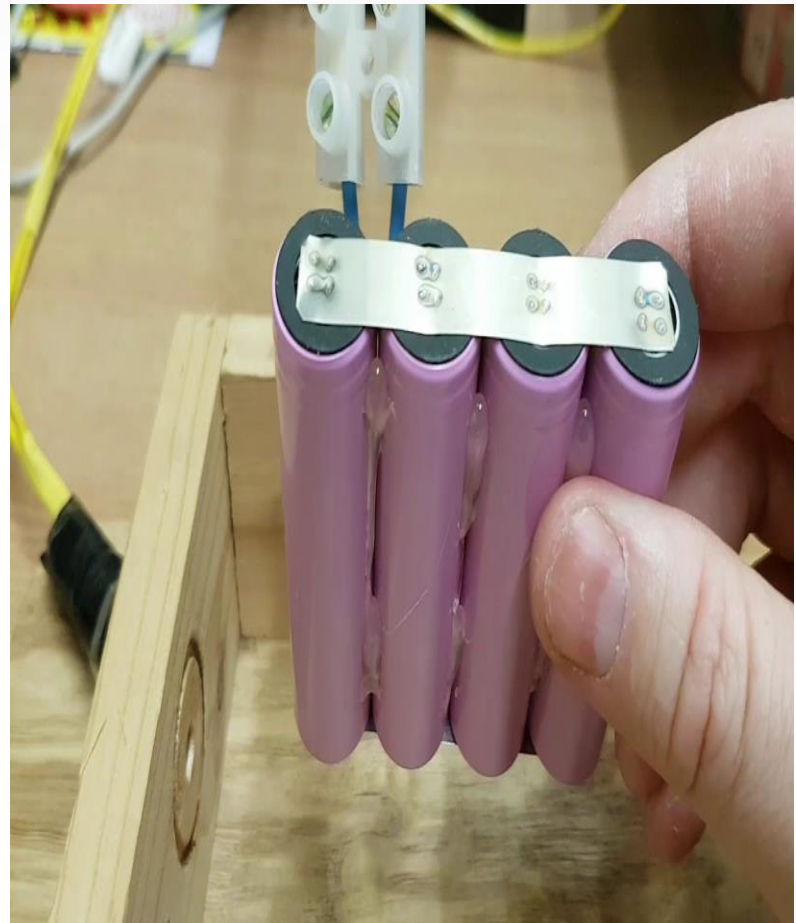
# VACUUM MIXTURE



# AUTOMATIC ELECTRODE MAKING MACHINE

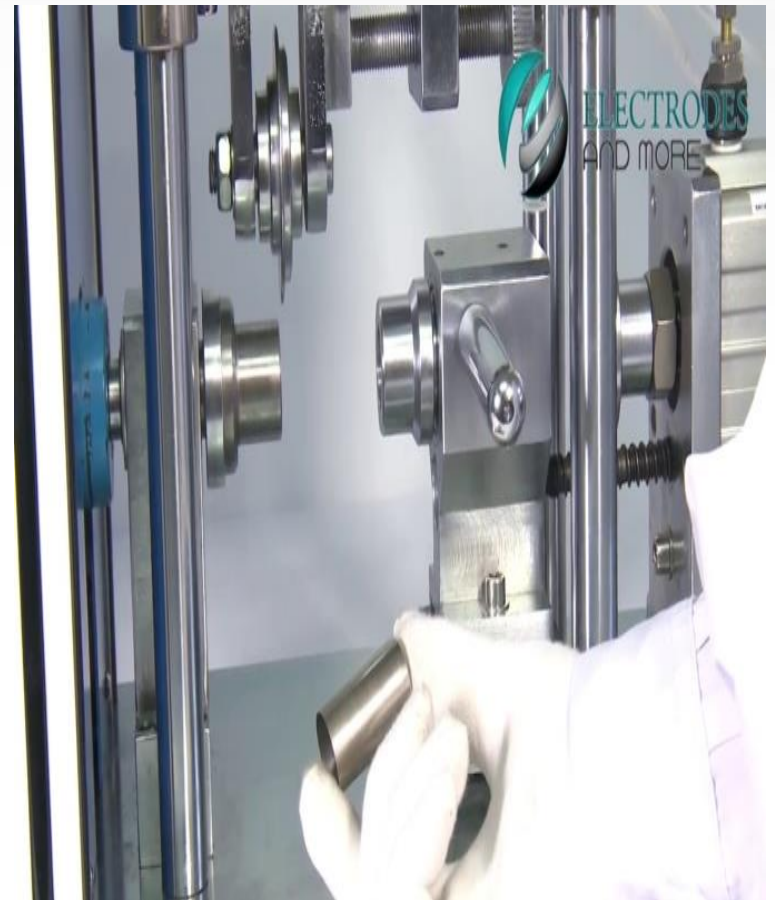


# AUTO SINGLE SPOT WELDER





# GROOVING MACHINE





**SHORT TESTER**

## **Auto Double Coating Machine**



# LASER WELDER



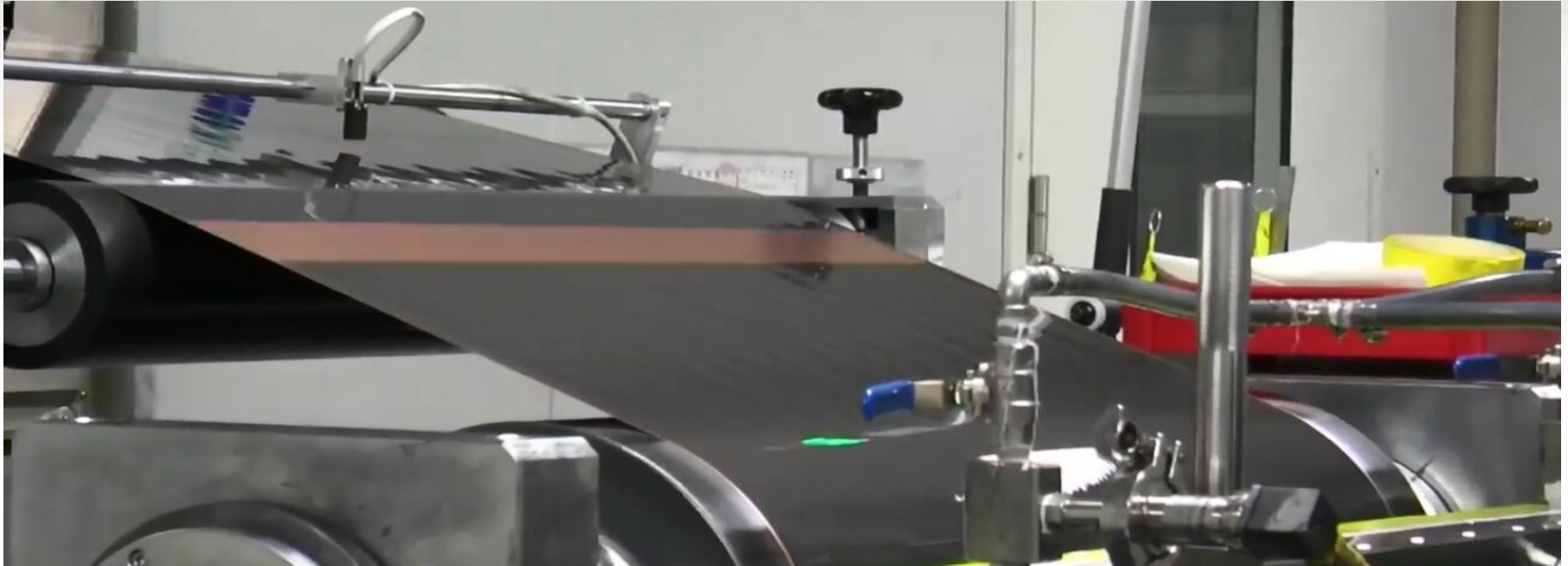
# AUTOMATIC ELECTROLYTIC FILLING MACHINE



# FORMATION AND GRADING MACHINE



# AUTOMATIC FILM MACHINE



# PRODUCE DE-IONISER EQUIPMENTS

## Battery Voltage and Internal Resistance Tester



## INTERNAL RESISTANCE TESTER

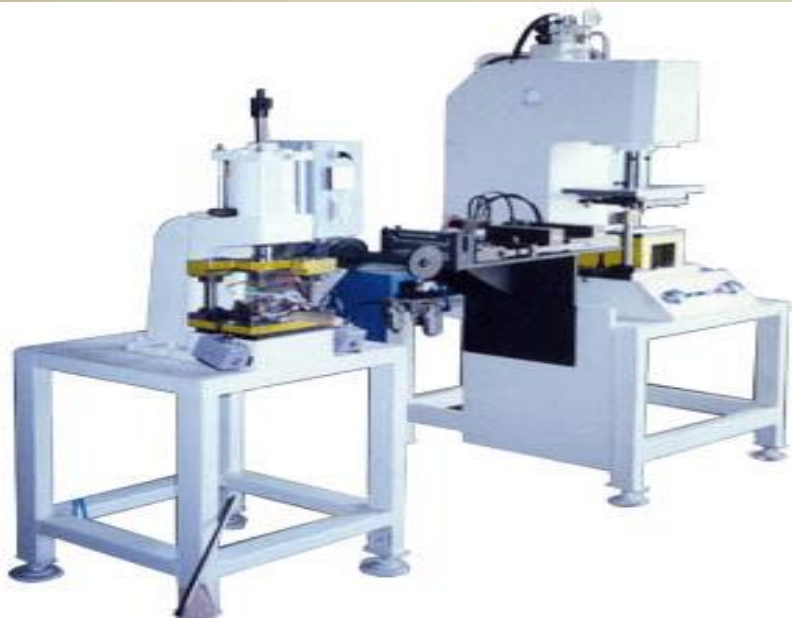


## MIXING MACHINE



## COATING MACHINE





**SLITTING MACHINE**

**ROLL PRESS MACHINE**



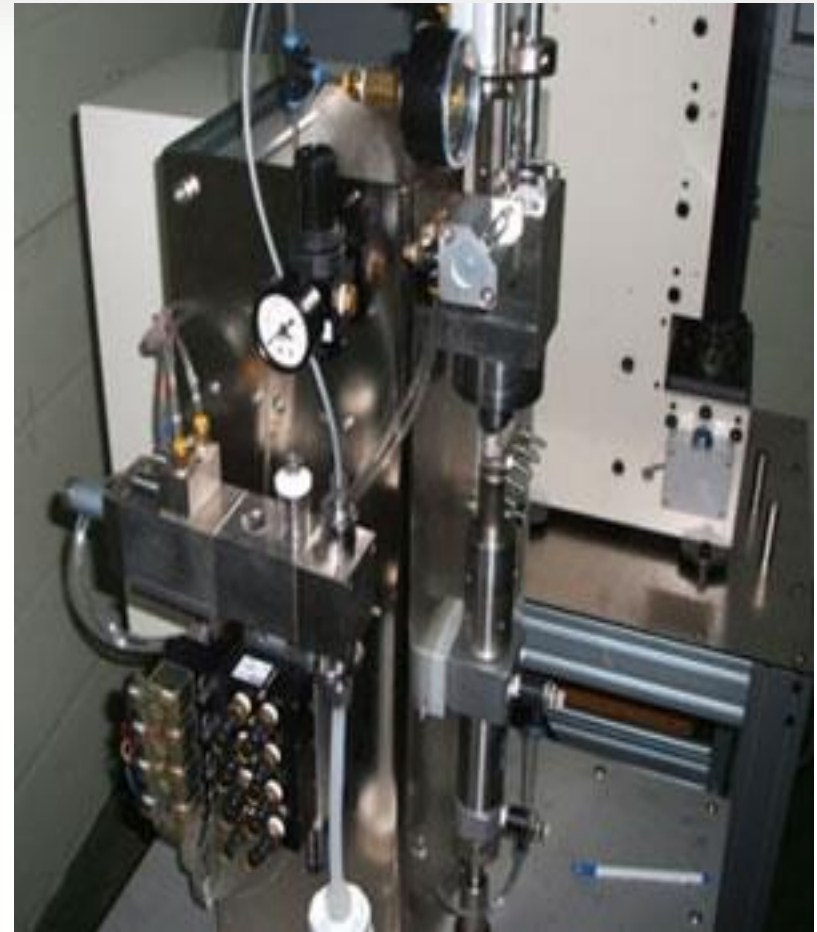
# WINDING MACHINE



## VACCUM PUMP



## ELECTROLYTE FILLING MACHINE



# Project at a Glance

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existin g	Propose d	Total	Particulars	Existin g	Propose d	Total
Land & Site						1156.5	1156.5
Development Exp.	0.00	76.00	76.00	Capital	0.00	0	0
Buildings	0.00	159.50	159.50	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	3618.36	3618.36	Other Type Share			
Motor Vehicles	0.00	12.00	12.00	Capital	0.00	0.00	0.00
Office Automation				Reserves & Surplus	0.00	0.00	0.00
Equipments	0.00	61.25	61.25	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow				Internal Cash			
Fees & Exp.	0.00	45.00	45.00	Accruals	0.00	0.00	0.00
Franchise & Other				Long/Medium Term		3469.4	3469.4
Deposits	0.00	0.00	0.00	Borrowings	0.00	9	9
Preliminary& Pre- operative Exp	0.00	6.00	6.00	Debentures /			
Provision for				Bonds	0.00	0.00	0.00
Contingencies	0.00	282.00	282.00	Unsecured			
Margin Money - Working Capital	0.00	365.87	365.87	Loans/Deposits	0.00	0.00	0.00
			4625.9			4625.9	4625.9
<b>TOTAL</b>	<b>0.00</b>	<b>4625.98</b>	<b>4625.98</b>	<b>TOTAL</b>	<b>0.00</b>	<b>4625.98</b>	<b>4625.98</b>

# Project at a Glance

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/Book Value
	EPS	CEPS				Per Share	Per Share				
						%		%		No.of Times	%
1-2	5.16	10.46	15.16	24.00	0.00	100.00	5.16	0.00	5.16	1.00	0.00
2-3	7.32	11.84	22.47	18.00	0.00	100.00	7.32	0.00	7.32	1.00	0.00
3-4	9.53	13.38	32.00	12.00	0.00	100.00	9.53	0.00	9.53	1.00	0.00
4-5	11.74	15.04	43.74	6.00	0.00	100.00	11.74	0.00	11.74	1.00	0.00
5-6	13.94	16.75	57.68	0.00	0.00	100.00	13.94	0.00	13.94	1.00	0.00

# Project at a Glance

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Retur n on Net Worth	Profitability Ratio					Assets Turnov er Ratio	Curre nt Ratio
	Individ ual	Cumula tive	Overa ll					GPM	PBT	PAT	Net Contri bution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%	%			
Initial				3.00	3.00									
1-2	1.51	1.51		1.58	1.58	2.15		21.59 %	13.05%	10.87 %	3300.04	60.11 %	1.00	1.11
2-3	1.71	1.61		0.80	0.80	1.25		25.37 %	18.76%	13.21 %	3104.51	48.47 %	1.10	1.47
3-4	1.97	1.72	1.99	0.37	0.37	0.73		27.93 %	22.80%	15.05 %	3530.26	48.23 %	1.15	1.85
4-5	2.30	1.85		0.14	0.14	0.43		29.70 %	25.71%	16.49 %	3956.01	48.04 %	1.14	2.27
5-6	2.69	1.99		0.00	0.00	0.25		30.92 %	27.83%	17.62 %	4381.76	47.89 %	1.10	3.85

# Project at a Glance

## BEP

BEP - Maximum Utilization Year	5
Cash BEP (% of Installed Capacity)	31.62%
Total BEP (% of Installed Capacity)	39.04%

## IRR, PAYBACK and FACR

Internal Rate of Return .. ( In %age )	25.48%
Payback Period of the Project is ( In Years )	2 Years 3 Months
Fixed Assets Coverage Ratio ( No. of times )	4.337

# Major Queries/Questions Answered in the Report?

- 1. What is Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing industry ?**
- 2. How has the Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing plant ?**



**5. What is the structure of the Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing Business and who are the key/major players ?**

**6. What is the total project cost for setting up Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing Business?**

**7. What are the operating costs for setting up Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing plant ?**

**8. What are the machinery and equipment requirements for setting up Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing plant ?**

**9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing plant ?**

**10. What are the requirements of raw material for setting up Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing plant ?**

**11. Who are the Suppliers and Manufacturers of Raw materials for setting up Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing Business?**

**12. What is the Manufacturing Process of Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing?**

- 13. What is the total size of land required for setting up Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing plant ?**
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3. IS 16893 : PART 1 : 2018 SECONDARY LITHIUM-ION CELLS FOR THE PROPULSION OF ELECTRIC ROAD VEHICLES PART 1 PERFORMANCE TESTING.
4. IS 16893 : Part 2 : 2018 Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2 Reliability and Abuse Testing.

5. IS 16893 : PART 3 : 2018 SECONDARY LITHIUM - LON CELLS FOR THE PROPULSION OF ELECTRIC ROAD VEHICLES PART 3 SAFETY REQUIREMENTS.

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# Reasons for Buying our Report:

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

# Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

# Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing.” provides an insight into Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing project. The report assesses the market sizing and growth of the Indian Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing sector in India along with its business prospects. Through this report we have identified Lithium Ion (LiFePO<sub>4</sub>) Cell Manufacturing project as a lucrative investment avenue.**

# Tags

**#LithiumIonBattery** **#LithiumIonBatteryProduction**  
**#LithiumIonBatteryIndustry** **#LithiumIonBatteryManufacturing**  
**#ElectricVehicles** **#ElectricVehiclesIndustry**  
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Our inexhaustible Client list includes public-sector companies, Corporate Houses, Government undertaking, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.

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**<https://goo.gl/G3ICjV>**

## **Select and Choose the Right Business Startup for You**

### **(Instant Online Project Identification and Selection)**

**Finding the right startup business is one of the most popular subject today. Starting a business is no easy endeavor, but the time, effort, and challenges can be worth it if you succeed. To give yourself the best chance to be successful, take your time to carefully find the right business for you. We, at NPCS, endeavor to make business selection a simple and convenient step for any entrepreneur/startup. Our expert team, by capitalizing on its dexterity and decade's long experience in the field, has created a list of profitable ventures for entrepreneurs who wish to diversify or venture. The list so mentioned is updated regularly to give you a regular dose of new emerging opportunities.**

**Visit:** <https://www.entrepreneurindia.co/project-identification>

## [Download Complete List of Project Reports:](#)

### ▪ [Detailed Project Reports](#)

**Visit:- <https://www.entrepreneurindia.co/complete-project-list>**

**NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.**

**Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.**

**And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:**

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

**The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,**

**Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](#)**



# **Contact us**

## ***NIIR PROJECT CONSULTANCY SERVICES***

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New Delhi-110007, India.**

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**<https://goo.gl/VstWkd>**



# **Niir PROJECT CONSULTANCY SERVICES**

**AN ISO 9001: 2015 CERTIFIED COMPANY**



# Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

*We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.*

*We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.*

# What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Business Plan*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

## How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

# Our Approach

**Requirement collection**

**Thorough analysis of the project**

**Economic feasibility study of the Project**

**Market potential survey/research**

**Report Compilation**

## **Who do we Serve?**

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations

## Sectors We Cover

- Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling



## **Sectors We Cover** *Cont...*

- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct

## Sectors We Cover *Cont...*

- Copper & Copper Based Projects
- Dairy/Milk Processing
- Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- Food, Bakery, Agro Processing

## Sectors We Cover *Cont...*

- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitality Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries

## Sectors We Cover

*Cont...*

- Infrastructure Projects
- Jute & Jute Based Products
- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- Organic Farming, Neem Products Etc.

## Sectors We Cover *Cont...*

- Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- Plastic, PVC, PET, HDPE, LDPE Etc.

## Sectors We Cover *Cont...*

- Potato And Potato Based Projects
- Printing And Packaging
- Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals

## Sectors We Cover *Cont...*

- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable

# MARKET RESEARCH REPORTS



## Objective

- ⌘ To get a detailed scenario of the industry along with its structure and classification
- ⌘ To provide a comprehensive analysis of the industry by covering aspects like:
  - ⌘ Growth drivers of the industry
  - ⌘ Latest market trends
  - ⌘ Insights on regulatory framework
  - ⌘ SWOT Analysis
  - ⌘ Demand-Supply Situation
  - ⌘ Foreign Trade
  - ⌘ Porters 5 Forces Analysis

## Objective

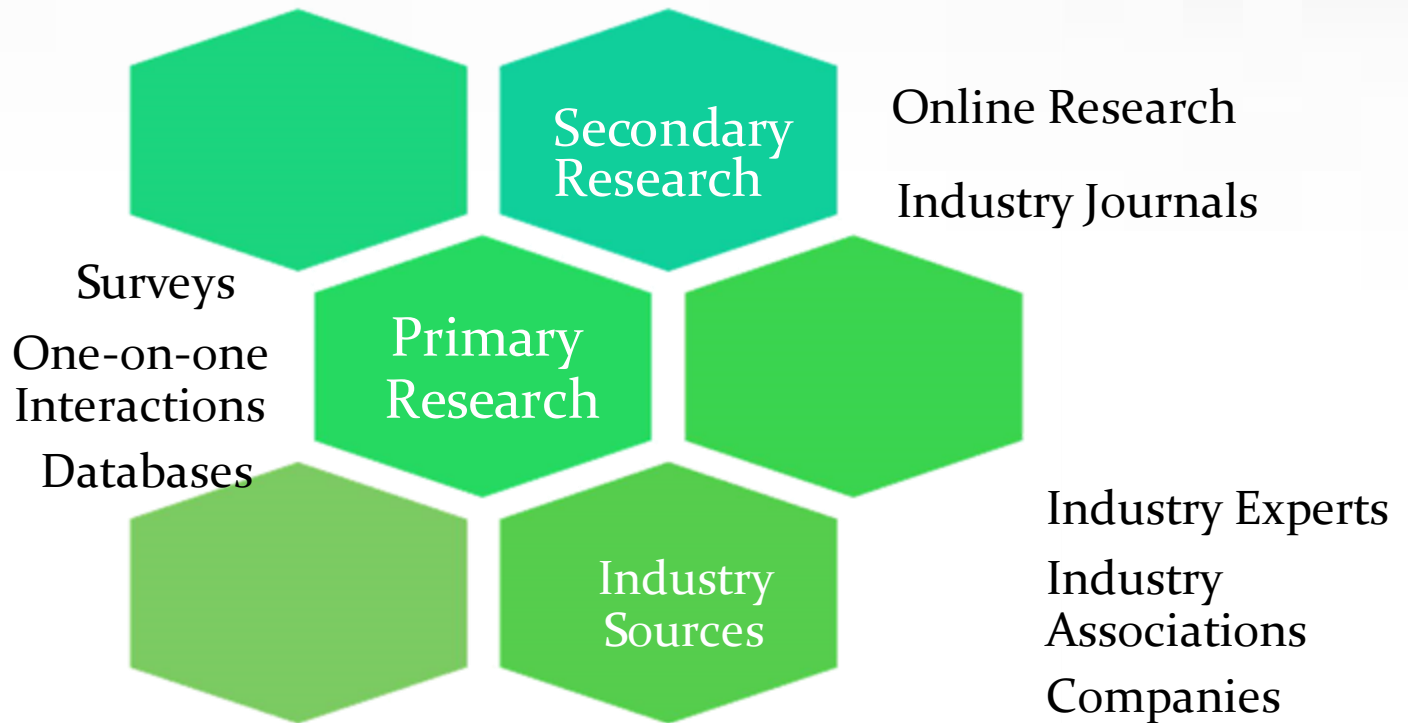
- ∞ To provide forecasts of key parameters which helps to anticipate the industry performance
- ∞ To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- ∞ To help an entrepreneur/manager in keeping abreast with the changes in the industry
- ∞ To evaluate the competitive landscape of the industry by detailing:
  - ∞ Key players with their market shares
  - ∞ Financial comparison of present players

## **Clientele**

- ∞Venturist/Capitalists
- ∞Entrepreneur/Companies
- ∞Industry Researchers
- ∞Investment Funds
- ∞Foreign Investors, NRI's
- ∞Project Consultants/Chartered Accountants
- ∞Banks
- ∞Corporates

**[Click here for list](#)**

# Data Sources



# Scope & Coverage



## Our Team

∞ Our research team comprises of experts from various financial fields:

∞ MBA's

∞ Industry Researchers

∞ Financial Planners

∞ Research veterans with decades of experience

## Structure of the Report

- 1. Overview
- 2. Market Analysis
  - 2.1 Growth Drivers
  - 2.2 Emerging Trends in the Industry
  - 2.3 Regulatory Framework
  - 2.4 SWOT Analysis
  - 2.5 Herfindahl–Hirschman Index (HHI)
- 3. Market Forecasts
- 4. Key Players

## Structure of the Report

*Cont*

- ⌘5. Key Financials and Analysis
  - ⌘5.1 Contact Information
  - ⌘5.2 Key Financials
  - ⌘5.3 Financial comparison
- ⌘6. Industry Size & Outlook



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**THANK YOU**

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