**2016 List of Top 100 Enterprises in China’s Battery Industry**

Taken into account the data declared by enterprises and annual reports of listed companies, China Industrial Association of Power Sources announced the 2016 List of Top 100 Enterprises in China’s Battery Industry in Tianjin on July 30, 2017. Tianneng Power International Limited ranked first among the list, followed by Chaowei Power Holdings Limited and BYD Company Limited came third.

The total revenue of China’s top 100 enterprises in the battery industry exceeded 289.248 billion yuan in 2016, representing an increase of 33.2% from that of 2015, which was 217.09 billion yuan. Among the top 100 in 2016, 30 are lead-acid battery enterprises which achieved a sales revenue of 97.577 billion yuan, accounting for 33.7% of the total revenue; 38 are lithium-ion battery enterprises which achieved a sales revenue of 103.515 billion yuan, accounting for 35.7% of the total revenue; 6 are li-ion battery module enterprises which achieved a sales revenue of 26.155 billion yuan, accounting for 9% of the total revenue; 8 are Zn/MnO2 battery and alkaline manganese batteries enterprises which achieved a sales revenue of 13.811 billion yuan, accounting for 4.7% of the total revenue; 9 are NI-MH battery / NI-CD battery enterprises which achieved a sales revenue of 2.69 billion yuan, accounting for 0.9% of the total revenue; 3 are Lithium primary battery enterprises which achieved a sales revenue of 1.328 billion yuan, accounting for 0.46% of the total revenue; 18 are materials enterprises which achieved a sales revenue of 27.012 billion yuan, accounting for 9.3% of the total revenue; 2 are equipment enterprises which achieved a sales revenue of 1.929 billion yuan, accounting for 0.6% of the total revenue. Individually speaking, 5 out of this year’s top 100 enterprises achieved revenue of more than 10 billion yuan; 17 achieved revenue of more than 5 billion yuan; 37 achieved revenue of more than 2 billion yuan. The minimum revenue made was 498 million yuan, showing an increase of 84 million from last year.

With the implementation of a series of national policy to support the new-energy automobile industry, lithium-ion battery industry has ushered in the rapid development opportunities. A statistical analysis by CIAPS shows that, in 2016, sales revenue of lithium-ion batteries reached 133 billion yuan, representing a 35% increase from 2015. The output of lithium-ion batteries reached 87.3 million kwh, an increase of 42 per cent YOY. Among all, the sales revenue and output of lithium-ion batteries for 3C product use reached 69.5 billion and 49 million kwh respectively, representing an increase of 9% and 11% YOY. The sales revenue and output of power lithium-ion battery reached 60 billion and 33 million kwh respectively, representing an increase of 88% and 106% YOY. The sales of Lithium-ion battery for energy storage reached 3.5 billion yuan, representing an increase of 40% YOY. However, a general structural overcapacity is observed from the industry. Competition within various segments is intense and the industry is experiencing ongoing consolidation. Demand within the power lithium-ion battery market tends to go to dominating enterprises. Power battery enterprises should put quality and safety in the first place, strengthen process control and optimization, improve R & D to create a comprehensive industry chain and further promote product technology, process and route changes. Only with strong technical accumulation, sufficient capital support, rational market positioning and rapid response to the market will manufacturers be able to take the lead in fierce market competition in the future.

An analysis on the sale revenue of 27 lead-acid battery enterprises shows that sales revenue in 2016 increased by 11.5% YOY.However, the room for profit was further compressed as enterprises face greater pressure because from the 4% national consumption tax levy and the continuously rising lead prices.Another comparative analysis on the sales revenue of 8 Zn/MnO2 Battery /alkaline manganese battery enterprises shows that that industry is in stable growth and that sales revenue in 2016 increased by 1.3% YOY. In 2016, NI-CD battery /NI-MH battery enterprises have accelerated transformation to lithium-ion battery industry. More and more markets of NI-MH battery have been replaced by lithium-ion battery while NI-CD battery enjoys stable demand from emergency lighting, rail transportation and the military field.

While facing the complex domestic and international economic environment, this year’s top-100 enterprises successfully implemented relevant national strategic plan and industrial policy and achieved a steady overall development, playing a positive supporting role in the transformation and upgrading of the industry as well as in the enhancement of quality and efficiency. In 2017, the new energy vehicles and energy storage market is expected to expand rapidly and hence stricter requirements for better safety, consistency, qualified rate and lower manufacturing cost of batteries will be put forward. In the future, the general trend of battery manufacturing development will be: "high quality, high efficiency, high stability” and “informatization, unmanned, visualization". Thus, battery enterprises should put technological innovation, production automation and management standardization in their agenda in order to accelerate realization of intelligent manufacturing in the battery industry. Enterprises should take the initiative to change the pattern of development: to transfer from capacity expansion to enhancing quality and efficiency, to focus on technological innovation, and to achieve product alienation and high-end development. Only by doing so will they be able to survive fierce market competition and develop.

2016 List of Top-100 Enterprises of Battery Industry in China

(Rank According to the 2016 Sales Revenue)

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| Ranking | Company Name | Main Product | Sales Revenue(10K Yuan) |
| 1 | Tianneng Power International Limited | Lead Battery, Lithium-Ion Battery And Secondary Lead Etc. | 2148089 |
| 2 | Chaowei Power Holdings Limited | Lead-Acid Battery | 2145476 |
| 3 | BYD Company Limited | Lithium-Ion Battery | 1526764 |
| 4 | Amperex Technology Limited | Lithium-Ion Battery | 1482320 |
| 5 | Ningde Contemporary Amperex Technology Co., Limited | Lithium-Ion Battery | 1400000 |
| 6 | Sunwoda Electronic Co., Limited | Lithium Ion Battery Module | 874368 |
| 7 | Shenzhen OptimumNano Energy Co., Ltd  | Li-Ion Batteries And New Energy Vehicles For Video Rental And Operation | 751900 |
| 8 | Huizhou DESAY Battery Co., Ltd. |  Alkaline Manganese Batteries,Lithium-Ion Battery & Zinc-Air Battery; | 735143 |
| 9 | LG Chemical (Nanjing) Electronic Information Materials Co. Ltd. | Lithium-Ion Battery | 715100 |
| 10 | Narada Power Source Co.,Ltd | Lead-Acid Battery, Secondary Lead And Lithium-Ion Battery Etc. | 714142 |
| 11 | Shoto Group Company Limited | Lead-Acid Battery | 706102 |
| 12 | Hubei Camel Storage Battery Company | Lead-Acid Battery, Secondary Lead And Lithium-Ion Battery | 630112 |
| 13 | Leoch International Technology Limited | Lead-Acid Battery | 626287 |
| 14 | Fengfan Co., Ltd. | Lead-Acid Battery | 606412 |
| 15 | Dongguan NVT Technology Co., Ltd. | Lithium Ion Battery Module | 602975 |
| 16 | Coslight Group  | Lead-Acid Battery, Lithium-Ion Battery&NI-MH Battery  | 554586 |
| 17 | Guangzhou Tiger Head Battery Group Co., Ltd. | Zn/MnO2 Battery | 534710 |
| 18 | Tianjin Lishen Battery Joint-Stock Co., Ltd. | [Lithium-Ion Battery](http://www.baidu.com/link?url=H74jtCP6khoY3UP1NHly4VH-VrWY-Y_c94uxmopJCyEPgbqNUAqj7pUcQ1tmGlFruODI5SxtCPyUUW5AQnjOTdWkPHiHkNjHpn09W5CW71sqZHKFs6-9QM66GqcQQZ8v) | 485546 |
| 19 | Xupai Power Co. Ltd. | [Lead-Acid Battery](http://www.baidu.com/link?url=rDqFwq4O2-HevTf6KIy-5haL4T-CWy3SCnlblQQXe6ggwTwCBe22C5mUQE_oWgT59YpeC154SDhDX1YLWAFf012a5pAinDTO9PHF4DEBpSVDn1I_xLM__s_sdezRfhMf) | 452208 |
| 20 | Hefei Guoxuan High-Tech Power Energy Co., Ltd. | [Lithium-Ion Battery](http://www.baidu.com/link?url=H74jtCP6khoY3UP1NHly4VH-VrWY-Y_c94uxmopJCyEPgbqNUAqj7pUcQ1tmGlFruODI5SxtCPyUUW5AQnjOTdWkPHiHkNjHpn09W5CW71sqZHKFs6-9QM66GqcQQZ8v) | 419636 |
| 21 | Beijing Pride Power Battery Technology Co., Ltd. | Lithium-Ion Power Battery System | 409596 |
| 22 | Tianqi Lithium Corporation | Lithium Carbonate Chemical Products | 390456 |
| 23 | Tianjin SAMSUNG SDI Co., Ltd. | [Lithium-Ion Battery](http://www.baidu.com/link?url=H74jtCP6khoY3UP1NHly4VH-VrWY-Y_c94uxmopJCyEPgbqNUAqj7pUcQ1tmGlFruODI5SxtCPyUUW5AQnjOTdWkPHiHkNjHpn09W5CW71sqZHKFs6-9QM66GqcQQZ8v) | 376645 |
| 24 | Huizhou Blueway Electronics Co., Ltd. | Lithium Battery Protection Board  | 290971 |
| 25 | Hunan Shanshan Energy Technology Co., Ltd. | Cathode Material of Lithium-Ion Battery | 250811 |
| 26 | Shenzhen Center Power Tech.Co..Ltd | Lead-Acid Battery,Lithium-Ion Battery Etc. | 250085 |
| 27 | [Zhongyin (Ningbo) Battery Co., Ltd.](http://www.sonluk.com/eng/about.asp?fl=1) | Alkaline Zinc-Manganese Battery | 244525 |
| 28 | Beijing National Battery Technology Co., Ltd. | Lithium-Ion Battery | 232445 |
| 29 | Wanxiang A123 Systems Asia Co., Ltd | Lithium-Ion Battery | 230000 |
| 30 | Shenzhen BAK Battery Co., Ltd. | Lithium-Ion Battery | 229300 |
| 31 | Fujian Nanping Nanfu Battery Co., Ltd. | Alkaline Zn/MnO2 Battery | 215102 |
| 32 | Shenzhen BTR New Energy Materials Co. Ltd. | Cathode Material &[Negative Materials](http://www.baidu.com/link?url=h4C_zcpwv-eYuc1XxOwLNaV1YANaEbNGzvu-k5eRTc3cxurCNWPp2P5Xio7YJqPIxFcoR3ausKazl1bBxaDhP7vEE4rQtBw5rGy_Tw1cxy1Y4aR5w445JN3PDt17mEDM" \t "https://www.baidu.com/_blank) of Lithium- Ion Battery | 213562 |
| 33 | Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.  | Electrical Cobalt,Cobalto-Cobaltic Oxide & Ternary Precursor | 210414 |
| 34 | Jiangxi Ganfeng Lithium Co., Ltd. | Lithium Carbonate, Lithiumchloride,Lithium Hydroxide & Lithium Fluoride Etc. | 208744 |
| 35 | Jiangxi Changxin Power Co., Ltd. | Lead-Acid Battery  | 208652 |
| 36 | Xiamen Tungsten Co., Ltd.  | Hydrogen Storage Alloy, Cathode Materials of Lithium-Ion Battery Etc. | 204676 |
| 37 | Dynavolt Renewable Energy Technology Co., Ltd. | Lead-Acid Battery，Lithium-Ion Battery，Clean Power & Car Rental Etc. | 203313 |
| 38 | Hunan Fengri Power Electric Co., Ltd. | Lead-Acid Battery & Power Supply Equipment  | 174763 |
| 39 | Hunan Corun New Energy Co., Ltd.  | Nickel Foam,Nickel Metal Hydride Battery & Hybrid Powertrain System Etc. | 170015 |
| 40 | Chengdu Chuanxi Storage Battery Group  | Lead-Acid Battery | 167340 |
| 41 | Microvast Power Systems Co., Ltd. | Lithium-Ion Battery | 164210 |
| 42 | Huizhou EVE Battery Co., Ltd. | Lithium-Ion Battery,Lithium Primary Cell | 160646 |
| 43 | Shandong Sacred Sun Power Sources Co., Ltd. | Lead-Acid Battery | 155165 |
| 44 | Henan Kelong New Energy Co., Ltd. | The Precursor of NCM &Ni（OH）2 | 152000 |
| 45 | Shandong Rui Yu Battery Limited | Lead-Acid Battery | 146360 |
| 46 | China Aviation Lithium Battery Co., Ltd.  | Lithium-Ion Battery | 141374 |
| 47 | Jiangsu Highstar Battery Manufacturing Co., Ltd.  | Lithium-Ion Battery & Nickel Rechargeable Battery Etc. | 138016 |
| 48 | Dongguan Mcnair Technology Co., Ltd | Lithium-Ion Battery & Ni-MH Battery | 134661 |
| 49 | Beijing Easpring Material Technology Co., Ltd.  | Cathode Material of Lithium- Ion Battery & Intelligent Equipment  | 133454 |
| 50 | Guangzhou Great Power Energy &Technology CO.,LTD. | Lithium-Ion Battery, Ni-MH Battery,Lithium-Manganese Battery & Lithium-Iron Battery | 127135 |
| 51 | Shanghai Shanshan Technology Co., Ltd. | [Negative Materials](http://www.baidu.com/link?url=h4C_zcpwv-eYuc1XxOwLNaV1YANaEbNGzvu-k5eRTc3cxurCNWPp2P5Xio7YJqPIxFcoR3ausKazl1bBxaDhP7vEE4rQtBw5rGy_Tw1cxy1Y4aR5w445JN3PDt17mEDM) of Lithium- Ion Battery | 125893 |
| 52 | Zhongshan Tianmao Battery Co., Ltd. | Lithium-Ion Battery | 125800 |
| 53 | MENGGULI Power Science & Technology Co., Ltd.  | Lithium-Ion Battery | 124386 |
| 54 | First New Energy Co., Ltd. | Lithium-Ion Battery | 123938 |
| 55 | Guangzhou Tinci Materials Technologies Co., Ltd. | Electrolyte, [LIPF](http://www.baidu.com/link?url=BxCHWxrHeRHqLXZj6a7KDkurJiet-y4QDbTO2IXemZlJDKqKy3JYVXmfsCju6LzYhVDOJOB_Zok6NhLpV_AzkYsA7IQoM1c1N3Y03BHDHva)6,[Solvent](http://www.baidu.com/link?url=s8VtADJTTDow_1GBQXs0EZqbv-LGVbTVz1fvj-0bvphJpUG41PzY5Qs1lC9E-URbagmD81T2hGGBcJUkB3F5aVdgAKTbBOqpknAZlcVXEHi)&[Additive](http://www.baidu.com/link?url=p1sYJjoj3IoTPQ1Z-pxg62uuXDEr4RH0VjZO5FnmSTFeV_nxTCTVQfsCOiMl8bSY47JXPSCLjswag3YXBsH1IywTghEGQHqVNzOEOrtcqWu) Etc. | 122511 |
| 56 | Phylion Battery Co.,Ltd. | Lithium-Ion Battery | 122000 |
| 57 | Jujiang Power Technology Co., Ltd. | Lead-Acid Battery | 119647 |
| 58 | Wolong Electric Group Co., Ltd . | Lead-Acid Battery | 117565 |
| 59 | Minhua Power Source Co., Ltd. (Fujian) | Lead-Acid Battery Plate & Storage Battery | 116960 |
| 60 | Highpower International Inc.  | NI-MH Battery, Lithium-Ion Battery,Waste Recycling Battery Materials Recovery And Utilization | 115682 |
| 61 | Zibo Torch Energy Co., Ltd. | Lead-Acid Battery | 115140 |
| 62 | Enersys (Chongqing) Huada Electric Power System Co., Ltd. | Lead-Acid Battery | 110745 |
| 63 | Shenzhen CAPCHEM Technology Co. Ltd. | Capacitor Chemicals,Lithium-Ion Battery Chemical Products | 110177 |
| 64 | Ningbo Veken Battery Co., Ltd. | Lithium-Ion Battery | 109962 |
| 65 | Wuxi Lead Intelligent Equipment CO.,LTD. | Automatic Winding Machine,Splitting Machine & Welding And Winding Machine Etc. | 107898 |
| 66 | Guangdong Pisen Electronics Co., Ltd. | Mobile Power Battery | 107883 |
| 67 | Shenzhen Zhuoneng New Energy Corporation Limited | Lithium-Ion Battery | 102484 |
| 68 | DLG Power Battery (Shanghai ) Co., Ltd. | Lithium-Ion Battery | 102256 |
| 69 | Ningbo Jinhe New Materials Co., Ltd. | Nickel Cobalt Lithium Manganate , Nickel Cobalt Manganese Precursor | 101570 |
| 70 | Fujian Yaheng Power Technology Group Co., Ltd. | Lead-Acid Battery | 100757 |
| 71 | Hunan Changyuan Lico Co., Ltd. | Cathode Material of Lithium-Ion Battery | 100197 |
| 72 | Zhejiang Mustang Battery Co., Ltd. | Zn/MnO2 Battery &[Alkaline Manganese Batteries](http://www.baidu.com/link?url=k3mHgWirm8rUDfv8bldPxIByzr7V1LrUMQx5Cs8Wu68g7fvNpUOQ8iV8gGYAhW8tjtEWi0oxYf5cig-bo-AaH92W-HZU7f0iSgDwe6E95mswJTuOuCQEyh3VDVbxn5yam9uTMNKc0yYHJKVRyGgxT_) | 99910 |
| 73 | Shenzhen DBK Electronic Technology Co. Ltd. | Lithium-Ion Battery & Power Bank Etc. | 99814 |
| 74 | Zhangjiagang Guotai Huarong Chemical New Material Co., Ltd. | [Lithium-Ion Battery Electrolyte](http://www.baidu.com/link?url=cvDc5lRL0R_AKYy1kYd-qHGSQA5UiVWFeefXmYSsnYYN60zNlnHOC4LThQf9nK7_Nfy2q9Yq7a7UaWP_R0OH8rSCl-_wcy07smHiuy2UiGd-toDDZwkZXMtItRblk6tihgKT7R3BGkgUZFSjX6e4HK) | 97211 |
| 75 | Shandong Zibo Dison Power Supply Co., Ltd. | Lithium-Ion Battery,NI-MH Battery & NI-CD Battery  | 94168 |
| 76 | Jiangsu Highstar Battery Manufacturing Co., Ltd | Lead-Acid Battery | 92960 |
| 77 | Henan Xintaihang Power Source Co.Ltd.  | Lithium-Ion Battery, Zinc-Silver Oxide Cell &NI-CD Batteryetc | 91500 |
| 78 | Guizhou Anda Energy Technology Co.,Ltd. | Iron Phosphate & Lithium Iron Phosphate | 91169 |
| 79 | Citic Guoan Mengguli Power Source Technology Co., Ltd. | Lco,Ternary& Lithium Manganate | 87900 |
| 80 | Shenzhen Yinghe Technology Co., Ltd | The Equipment for Lithium -Ion Batteries | 85049 |
| 81 | Xiamen 3-Circles Battery Co., Ltd. | Zn/MnO2 Battery &[Alkaline Manganese Batteries](http://www.baidu.com/link?url=k3mHgWirm8rUDfv8bldPxIByzr7V1LrUMQx5Cs8Wu68g7fvNpUOQ8iV8gGYAhW8tjtEWi0oxYf5cig-bo-AaH92W-HZU7f0iSgDwe6E95mswJTuOuCQEyh3VDVbxn5yam9uTMNKc0yYHJKVRyGgxT_) | 83473 |
| 82 | Duracell Battery | Alkaline Zinc-Manganese Dioxide Cell | 82097 |
| 83 | Ningbo Donghai Storage Battery Co.,Ltd. | Lead-Acid Battery | 79483 |
| 84 | C&D Technologies, Inc. | Lead-Acid Battery | 76185 |
| 85 | Hoppecke Power System(Wuhan) Co., Ltd.  | Lead-Acid Battery | 67042 |
| 86 | Tianjin JEVE Industry Co., Ltd. | Lithium-Ion Battery | 66558 |
| 87 | Tiankang Group | Lithium Titanate Battery | 66528 |
| 88 | Hebei Allgrand Battery Co., Ltd. | Lead-Acid Battery | 65033 |
| 89 | Guangdong Tianjin New Energy Technology Limited Company  | Lithium-Ion Battery | 62215 |
| 90 | Linyi Huatai Battery Co., Ltd. | Zn/Mno2 Battery | 61980 |
| 91 | Shandong Zhongxin Dison Power Supply Co., Ltd. | Lithium-Ion Battery & NI-MH Battery | 61973 |
| 92 | SINOEV Technologies, Inc.,  | Lithium-Ion Battery for Energy Storage And Storage of New EV | 59955 |
| 93 | Sichuan Changhong New Energy Technology Co.,Ltd. | Alkaline-Manganese Battery & Power Bank | 59304 |
| 94 | Anhui Xun Qi Battery Co., Ltd. | Lead-Acid Battery | 55079 |
| 95 | Tianjin Sinopoly Battery Limited | Lithium-Ion Battery | 52419 |
| 96 | Wuhan Lixing (Torch) Power Sources Co., Ltd. | Lithium Primary Battery & Lithium-Ion Battery | 52395 |
| 97 | Zhejiang Just Electrical Appliances Co., LTD. | Lead-Acid Battery | 52158 |
| 98 | Zhejiang Gu Yue Battery Co., Ltd. | Lead-Acid Battery | 51000 |
| 99 | Shenzhen Senior Technology Material Co., LTD. | Dry and Wet Lithium-Ion Battery Separator  | 50569 |
| 100 | Shanghai Energy NEW Materials Technology Co., Ltd.  | Wet Lithium-Ion Battery Separator  | 49899 |
| Total | 28924789 |

For ranking of top-100 enterprises, please contact the association，E-mail: ciaps@ciaps.org.cn

China Industrial Association of Power Sources

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