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Website:www.cdcpower.com

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Company Profile

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Established in 2023, CDC Energy, a subsidiary of Changhong Group in the Energy Business Group, is a national high-tech enterprise specializing in research and development, manufacturing, and sales of polymer lithium-ion batteries. It has been awarded the titles of "Specialized, sophisticated, distinctive, and innovative Enterprise" and "AAA Credit Enterprise" in Shenzhen. Our company complies with ISO 9001:2015 Quality Management System、ISO 14001:2015 Environmental Management System and Occupational Health and Safety Management System.All of our lithium batteries can meet requirement of Rohs and Reach;Our lithi- um batteries have got the 3C,UL,CB,CE,GB31241,PSE,KC and other certifications.

Adhering to the market-oriented and customer-centered,products sell well in more than 60 countries and regions in Asia,Europe,the United States and Africa,and have established long-term good cooperative relations with many leading enterprises in consumer electronics,networking,smart medical care,smart wearable,e-cigarette,electric vehicles and other terminal products. With the mission of "precise and intelligent manufacturing,scientific and technological innovation,and benefiting mankind",we CDC adheres to the enterprise spirit of "responsibility,innovation,and dedication",and strives to become a first-class provider of energy solutions in the intelligent era.



Company certifhcation



ISO9001 Quality Management System Certification



RoHS Certification



CB Certifhication



ISO14001 Environmental Management ISO 45001:2018 Occupational Health System Certification and Safety Management System Standards

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REACH Certifhication



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CE Certifcation



CQC Certification

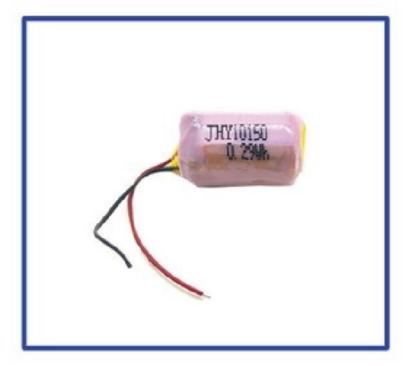
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PSE Certifhication



KC Certifcation







I Application area



Bluetooth earphones, intelligent wearable lithium batteries

1.Applied in fhelds such as Bluetooth earphones,smart bracelets,smart watches,and smart jewelry.
2.Flexible size,with a minimum width of≤6mm and a minimum length of ≤10mm for square batteries;The minimum diameter of cylindrical batteries is ≤5mm.
3.4.35V-4.45V high voltage system with higher energy density.
4.Supports 2C-5C fast charging.

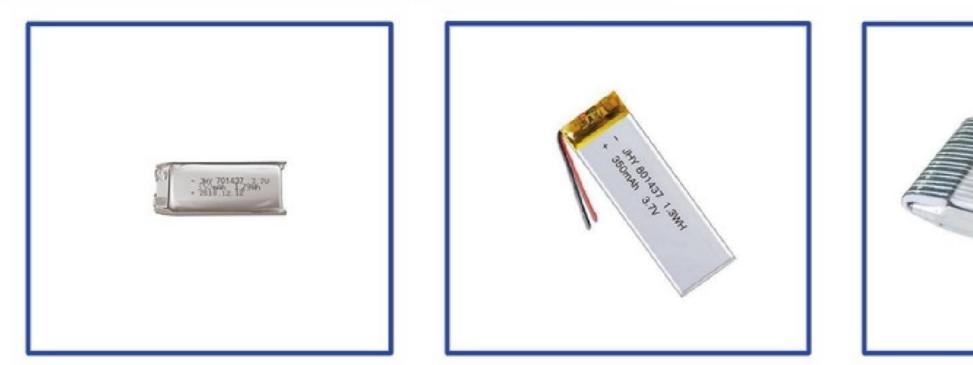






Car and digital lithium batteries

1.It is used in the field of dvigital consumer g oods such as driving recorder, car navigation, s mart sp æ ker sport s D['], educational e ect o n_{CS} etc
2. Convertional batteries tak einto a ccourt both high and low temperatures and support a wide temperature range of -20°C-85°C
3. According to the characteristics of on-board high temperature, the development can support the use of batteries in a high temperature environment of up to 95°C.
4. The conventional battery cycle performance is more than 500 times, and the long cycle battery can be customized for more than 1000 times according to customer needs.
5. More than 1000 mature models can be selected, supporting mold opening customization.



I Application area







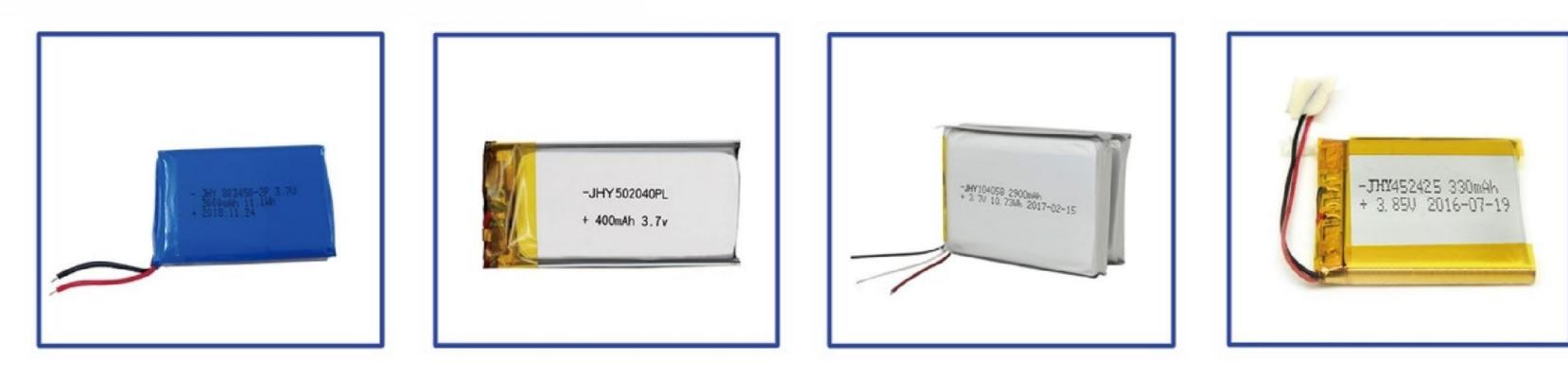
E-cigarette and aircraft model high-rate lithium batteries

1.It is used in e-cigarettes,model toys,drones and other fields.
2.Up to 50C high magnification discharge can be supported.
3.4.35V high voltage and high magnification system,nearly 8%higher energy density than the conventional 4.2V voltage system.
4.E-cigarette battery 2C charging,10-20C discharge,500 cycles residual capacity can reach more than 90%.













Ultra-low temperature lithium batteries

- 1.It is used in intelligent heating shoes, intelligent heating clothes, extremely cold areas, military industry and other special fhelds.
- 2.The low-temperature discharge capacity retention rate of -30°C is more than 80%, and the minimum low-temperature discharge at -40°°C can be supported.
- 3. The discharge platform is more than 3.0V under low temperature conditions, which is better than that of peers.
- 4.Low-temperature and high-power batteries can be customized to achieve high-current discharge under low-temperature conditions.





I Application area



Ultra-thin, special-shaped lithium batteries

- 1.It is used in smart cards, smart rings, smart watches and other fields. 2.Shapes can be customized into curved, half-moon, round and other shapes according to customer needs.
- 3. The battery has a small self-discharge, a voltage drop of <2mV/day, and a circulation life of more than 500 times.
- 4.The thickness of ultra-thin battery is ≤ 0.4 mm, leading in the industry. 5. Mature process, stable performance and good battery consistency.



I Application area





Industry application lithium batteries

1.1^t is used in walkie-tarkies ice e ui ment terminals in the logistics industry, POS machines in the fina n cial industry and phoelmedgical industry not the safety, zero safety accident record for many years. 2.H safety, zero safety accident record for many years. 3. Unigdhethe premi cof ensuring the stability of the batter y, improve the energy density of the battery; the energy density can reach more than 700WH/L, and the number of cycles is more than 500. 4. The battery size and shell can be customized, and the assembly process adopts ultrasonic or low-temperature injection molding.











I Application area



Power lithium battery pack

1.It is used in electric tools,balance vehicles,electric two-wheelers,AGV logistics vehicles, sweeping robots and other fields.
2.Adopt imported 18650 cells or automotive-grade power cells from domestic front-line manufacturers to ensure cell consistency and safety.
3.Automatic selection of groups, automatic s of welding, assembly, automatic testing and other process es to ensue the equality and e la pility of the battery.
4.Higher system energy density to achieve longer battery life.The battery pack can be customized for more than 1,000 cycles, and a longer service life.







I Application area





Energy storage lithium battery system

- e-commerce energy storage.







1.Applied to outdoor portable energy storage, home energy storage, mobile base stations, photovoltaic and wind

2.Strong R&D strength.The developed products include 0.2KWH-2KWH portable energy storage,2KWH-20KWH home energy storage and mobile.base station energy storage,50KWH-500KWH industrial and commercial energy storage system, and has the ability to develop MW-GRADE OFF-CLASS energy storage systems. 3.Long service life, design use times can reach more than 6,000 times, and service life of more than 1.0 years 4.Perfect BMS protection system, with low voltage, high voltage, overload, short circuit, high temperature protection and other functions, and monitors the status of each cell in real time.





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