



COMPANY PROFILE

Shenzhen Lead New Energy Co.,Ltd. was established in 2015, with registered Odipie trademark in 9 countries around the world. We are a professional manufacturer of high quality photovoltaic energy storage systems integrating R&D, production, sales and service. The main products of our company are household energy storage battery packs, commercial & industrial micro-grid systems, deep cycle LiFePO4 batteries, light vehicle power battery packs, etc.

We have two 100% owned factories located in Jiangmen and Dongguan, Guangdong, with a total area of 8400 square meters and 320 employees, including 48 R&D personnel. Our annual R&D investment accounts for 4.8% of sales. Since all key components of Odipie products are produced by ourselves, we have considerable advantages in cost control and quality control, and the product quality is insured by Ping An Insurance Group of China. Odipie also has overseas offices and warehouses in Neuss, Germany and Johannesburg, South Africa, so that we can provide service to customers around us at the fastest speed.



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Bluetooth Module



Support Wifi Connection



Optional Waterproof Rating



GPS Positioning System



Communication Function



Heating Module



OEM Customized



Intelligent BMS



PROFESSIONAL MANUFACTURER
Electric Marine Battery

R&D ability

- Talent structure
There are 28 R&D personnel, accounting for 15% of the total number of the company.
- Perfect team
The scientific research team covers structure, electrical, system safety, etc.
- Continuous investment
Annual R&D investment accounts for about 4.8% of the company’s sales revenu.
- Industrial ecology
The company’s investors and partners include several leading companies in the energy storage industry.

Quality assurance ability

- First–class partners
Only use brand new grade A battery cells of well–known brands such as EVE and Gotion.
- Intelligent BMS
Focus on safety and reliability, escort for battery safety.
- Supplier management
Strict supplier development management system, traced back to the second–tier suppliers.
- Safe and Intelligent manufacturing
Implement a quality standard system that is higher than that of the energy storage industry, and manage the entire life cycle of products.



–PRODUCT PARAMETERS–

Model	LDB12100	LDB12200	LDB24100	LDB12400
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal Voltage (V)	12.8	12.8	25.6	12.8
Nominal Capacity (Ah)	100	200	100	400
Rated Energy (kWh)	1.28	2.56	2.56	5.12
Size (mm)	330*175*220	370*190*245	485*168*240	520*267*220
Weight (kg)	13	20	22	41
Cycle Life	6000 cycles	6000 cycles	6000 cycles	6000 cycles
Internal Resistance (mΩ)	≤20	≤20	≤20	≤20
Operating Temperature (℃)	–10 ~ 55	–10 ~ 55	–10 ~ 55	–10 ~ 55
Working Voltage Range (V)	10 ~ 14.6	10 ~ 14.6	20 ~ 29.2	10 ~ 14.6
Waterproof Level	IP66	IP66	IP66	IP66
Standard Charging Current (A)	20	40	20	80
Max continuous Discharge Current (A)	100	200	200	300