



LiFePO₄ Battery

ODIPIE HIGH-END BATTERY

Lithium-iron Phosphate Battery
Support OEM And ODM Customize



Shenzhen Lead New Energy Co., Ltd.

COMPANY INTRODUCTION

Shenzhen Lead New Energy Co., Ltd., founded in 2021 and had the self-owned Odipie brand, specialized in the R & D, manufacturing of high-end lithium ion battery packs. We offers mature solutions for lifepo4 batteries applied in Marines, RVs, and Robots. In 2024, R&D investment accounted for 4.8% of sales volume, and the company holds numerous invention patents and utility model patents. With a garden-style factory, and a strict quality management system, continues to focus on cutting-edge industry technologies, driven by innovation, striving to become a trusted and growing strategic partner for lifepo4 batteries for its overseas customers.

Integrity/Innovation/Focus/Talent

Marine & RV Battery · Golf Cart Battery · Lead Acid Replacement Battery
Heavy Duty Truck Starter LiFePO4 Battery · Floor Scrubber Battery



CORPORATE CULTURE OF LEAD

Mission: To become a trusted and continuously growing strategic partner in lithium batteries for our customers.

Vision: Empowering every employee to thrive, and every top performer to rise as a valued partner.

VALUES

Positiveness

Integrity

Innovation

Perseverance

Positiveness

Positive thinking , Positive action.

Integrity

Honest in work, trust in people.

Innovation

Embrace change, stay curious.

Persistence

Firm goals , Long-term run.

(151*65*95mm)
≈1kg



12V-8Ah

(176*166*125mm)
≈2.5kg



12V-25Ah

(181*77*168mm)
≈3kg



12V-30Ah

(198*165*175mm)
≈6kg



12V-50Ah

(260*168*209mm)
≈11kg



12V-100Ah

(330*172*215mm)
≈17kg



12V-150Ah

(384*194*255mm)
≈22kg



12V-200Ah

(384*194*255mm)
≈26kg



12V-280Ah

(384*194*255mm)
≈26kg



12V-300Ah

(520*240*220mm)
≈38kg



12V-400Ah

(640*245*220mm)
≈52kg



12V-628Ah

(260*168*209mm)
≈11kg



24V-50Ah

LiFePO₄ Battery

CE FC MSDS RoHS

(384*194*255mm)
≈22kg



24V-100Ah

(532*207*215mm)
≈28kg



24V-150Ah

(520*240*220mm)
≈40kg



24V-200Ah

(640*245*220mm)
≈52kg



24V-300Ah

(520*240*220mm)
≈30kg



36V-100Ah

(520*267*220mm)
≈40kg



36V-150Ah

(384*194*255mm)
≈20kg



48V-50Ah

(520*267*220mm)
≈40kg



48V-100Ah

(525*350*270mm)
≈50kg



Golf Cart 48V-105Ah

(395*110*286mm)
≈12.5kg



RV 12V-100Ah

(384*194*255mm)
≈22kg



Marine 12V-200Ah

(348*285*245mm)
≈23kg



Floor Scrubber 24V-100Ah

LiFePO₄ Battery

CE FC MSDS RoHS

MARINE WATERPROOF LITHIUM BATTERY



DIPIE 12.8V 200Ah Marine Battery LiFePO₄ Battery (2560Wh)
www.odpie.com

Support customization | IP67 | RS485 and CAN bus

Operating Voltage Range: 10-14.6V
Standard Charge/Discharge Current: 40A(0.2C)
Continuous Charge Current(Max): 160A(0.8C)
Continuous Discharge Current(Max): 200A(1C)
Battery Cycle Life: 4000 times (0.2C standard charge and discharge)



CE UN38.3 MSDS

CAUTION

Use only approved lithium ion phosphate chargers to avoid the risk of fire or explosion.
Avoid mechanical shock.

DO NOT

DO NOT short circuit
DO NOT reverse connections from charger to battery
DO NOT disassemble
DO NOT throw into fire or incinerate
DO NOT heat above 60°C

SHENZHEN LEAD NEW ENERGY CO., LTD

DIPIE
www.odpie.com

25.6V 100Ah Marine Battery
LiFePO₄ Battery (2560Wh)

Cell phone APP monitoring | RS485 and CAN bus | IP67

Operating Voltage Range: 20-29.2V
Standard Charge/Discharge Current: 20A(0.2C)
Continuous Charge Current(Max): 80A(0.8C)
Continuous Discharge Current(Max): 200A(2C)
Battery Cycle Life: 4000 times



CE UN38.3 MSDS

CAUTION

Use only approved lithium ion phosphate chargers to avoid the risk of fire or explosion.
Avoid mechanical shock.

DO NOT

DO NOT short circuit
DO NOT reverse connections from charger to battery
DO NOT disassemble
DO NOT throw into fire or incinerate
DO NOT heat above 60°C

SHENZHEN LEAD NEW ENERGY CO., LTD

PRODUCT ADVANTAGES



ABS waterproof
shell IP67 waterproof



Only use A-grade
cell manufacturer like EVE.



Long service life



Internal glue filling
process, shock absorption



Bluetooth
APP connection



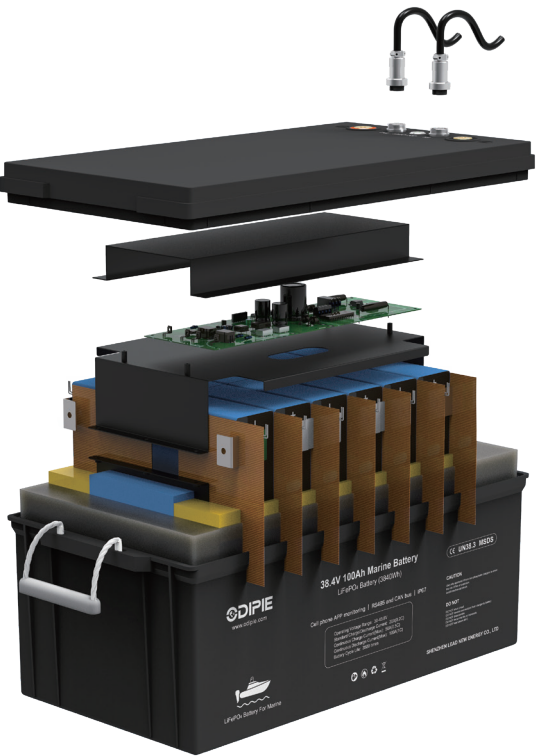
Famous BMS
Safe and intelligent



Support communication
(RS485&CAN interface)



Support customization
Factory direct sales



Parameter Table

Model	LD-BB012100	LD-BB012200	LD-BB012400	LD-BB024200	LD-BB036100
Battery type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal voltage (V)	12.8	12.8	12.8	25.6	38.4
Nominal capacity (Ah)	100	200	400	200	100
Nominal Energy (kWh)	1.28	2.56	5.12	5.12	3.84
Dimension (mm)	330*175*220	384*194*255	520*267*220	520*267*220	520*267*220
Net weight (kg)	12.5	21	41	42	32.5
Life cycles (0.2C charge and discharge)	4000	5000	5000	5000	5000
Internal resistance (mΩ)	≤20	≤20	≤20	≤20	≤20
Charging operating temperature (°C)	0 ~ 55	0 ~ 55	0 ~ 55	0 ~ 55	0 ~ 55
Discharge operating temperature (°C)	-20 ~ 55	-20 ~ 55	-20 ~ 55	-20 ~ 55	-20 ~ 55
Operating voltage range (V)	10 ~ 14.6	10 ~ 14.6	10 ~ 14.6	20 ~ 29.2	30 ~ 43.8
Waterproof level	IP67	IP67	IP67	IP67	IP67
Maximum charging current (A)	100	200	200	200	100
Maximum discharge current (A)	200	200	200/300	200	100

RV LITHIUM BATTERY



PRODUCT ADVANTAGES



ABS waterproof
shell IP67 waterproof



Only use A-grade
cell manufacturer like EVE.



Long service life



Internal glue filling
process, shock absorption



Bluetooth
APP connection



Famous BMS
Safe and intelligent



Support communication
(RS485&CAN interface)



Support customization
Factory direct sales



Parameter Table

Model	LD-RV012200	LD-RV024100	LD-RV051100
Battery type	LiFePO4	LiFePO4	LiFePO4
Nominal voltage (V)	12.8	25.6	51.2
Nominal capacity (Ah)	200	100	100
Nominal Energy (kWh)	2.56	2.56	5.12
Dimension (mm)	384*194*255	485*168*240	520*267*220
Net weight (kg)	22	22	40.5
Life cycles (0.2C charge and discharge)	5000 cycles	5000 cycles	5000 cycles
Internal resistance (mΩ)	≤20	≤20	≤20
Charging operating temperature (°C)	0 ~ 55	0 ~ 55	0 ~ 55
Discharge operating temperature (°C)	-20 ~ 55	-20 ~ 55	-20 ~ 55
Operating voltage range (V)	10 ~ 14.6	20 ~ 29.2	40 ~ 58.4
Waterproof level	IP67	IP67	IP67
Maximum charging current (A)	200	100	100
Maximum discharge current (A)	200	100/200	100

GOLF CART LITHIUM BATTERY



PRODUCT ADVANTAGES



ABS waterproof
shell IP67 waterproof



Only use A-grade
cell manufacturer like EVE.



Long service life



Internal bracket fixation
Shock absorption



Bluetooth
APP connection



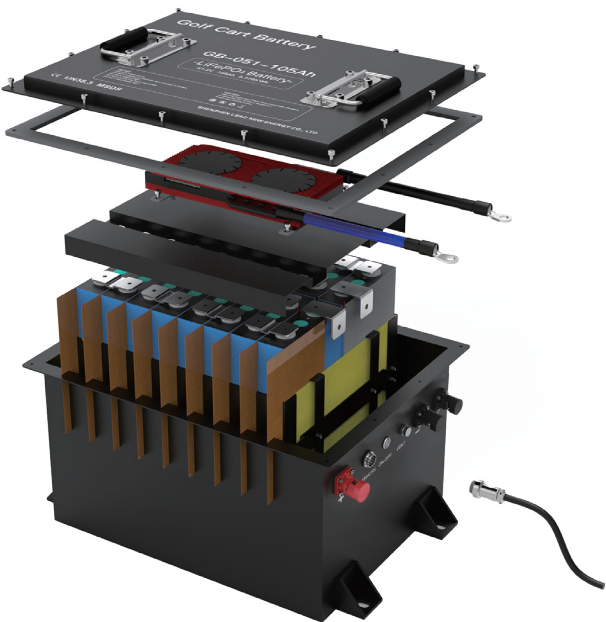
Famous BMS
Safe and intelligent



Support communication
(RS485&CAN interface)



Support customization
Factory direct sales



Parameter Table

Model	LD-GB051072	LD-GB051105
Battery type	LiFePO4	LiFePO4
Nominal voltage (V)	51.2	51.2
Nominal capacity (Ah)	72	105
Nominal Energy (kWh)	3.686	5.376
Dimension (mm)	525*370*225	525*350*270
Net weight (kg)	40	50
Life cycles (0.2C charge and discharge)	3000 cycles	3500 cycles
Internal resistance (mΩ)	≤20	≤20
Charging operating temperature (°C)	0 ~ 55	0 ~ 55
Discharge operating temperature (°C)	-20 ~ 55	-20 ~ 55
Operating voltage range (V)	40 ~ 58.4	40 ~ 58.4
Waterproof level	IP67	IP67
Maximum charging current (A)	72	105
Maximum discharge current (A)	200	180

SCRUBBER LITHIUM BATTERY



PRODUCT ADVANTAGES



ABS waterproof
shell IP65 waterproof



Only use A-grade
cell manufacturer like EVE.



Long service life



Internal glue filling
process, shock absorption



Bluetooth
APP connection



Abnormal
temperature protection



Over power protection



Support customization
Factory direct sales



Parameter Table

Model	LD-SLB2450	LD-SLB24100	LD-SLB24150	LD-SLB24230
Battery type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal voltage (V)	25.6V	25.6V	25.6V	25.6V
Nominal capacity (Ah)	50Ah	100Ah	150Ah	230Ah
Nominal Energy (kWh)	1.28	2.56	3.84	5.88
Dimension (mm)	311*190*210	348*285*245	400*320*272	488*380*275
Net weight (kg)	15.75	27.3	37.6	48.5
Life cycles (0.2C charge and discharge)	2000 cycles	5000 cycles	4000 cycles	4000 cycles
Internal resistance (mΩ)	≤10	≤10	≤20	≤20
Charging operating temperature (°C)	0 ~ 55	0 ~ 55	0 ~ 55	0 ~ 55
Discharge operating temperature (°C)	-20~55℃	-20~55℃	-20~55℃	-20~55℃
Operating voltage range (V)	20~29.2	20~29.2	20~29.2	20~29.2
Waterproof level	IP65	IP65	IP65	IP65
Maximum charging current (A)	50	100	150	200
Maximum discharge current (A)	100	100	150	200

WALL-MOUNTED ENERGY STORAGE BATTERY

ODIPIE

BOX-2 10.24KWH



POWERWALL (LIFEPO4) BATTERY



The space-saving wall-mounted design is perfect for residential energy storage systems.



Supports parallel connection of up to 16 battery units



Industrial-grade safety · Military-standard durability · 5000+ deep cycles



Built-in BMS ensures full protection, monitoring, and control.



Engineered reliability
Uncompromised stability
Unbeatable value



90% inverter brand compatibility
(including Growatt, Victron, etc.)



WiFi (Optional)



Bluetooth(Optional)

Parameter Table

Model	W512100	W512200	W512230	W512300
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal Voltage (V)	51.2	51.2	51.2	51.2
Nominal Energy (kWh)	5.12	10.24	11.78	16.08
Nominal Capacity (Ah)	100	200	230	314
Design Years	10 Years	10 Years	10 Years	10 Years
Size (mm)	520*600*165	570*730*165	565*540*235	948*500*240
Weight (kg)	≤55	≤95	≤101	130
Cycle Life	5000 cycles	5000 cycles	4000 cycles	8000 cycles
Operating Voltage Range (V)	40 ~ 58.4	40 ~ 58.4	40 ~ 58.4	40 ~ 58.4
Charging operating temperature (°C)	0 ~ 55	0 ~ 55	0 ~ 55	0 ~ 55
Discharge operating temperature (°C)	-20 ~ 55	-20 ~ 55	-20 ~ 55	-20 ~ 55
Charge/Discharge Current (A)	100	100	100	200
Internal Resistance (mΩ)	≤20	≤20	≤20	≤20
Communication Method	CAN/RS485	CAN/RS485	CAN/RS485	CAN/RS485
Information Storage	10000 Strip	10000 Strip	10000 Strip	10000 Strip
Limiting (A)	10/20 (Optional)	10/20 (Optional)	10/20 (Optional)	10/20 (Optional)

RACK-MOUNTED ENERGY STORAGE BATTERY



RACK MOUNT BATTERY



Easy to install



Charging faster



Industrial-grade
safety · Military-standard
durability · 5000+ deep cycles



Built-in BMS ensures
full protection,
monitoring, and control.



90% inverter brand
compatibility
(including Growatt, Victron, etc.)



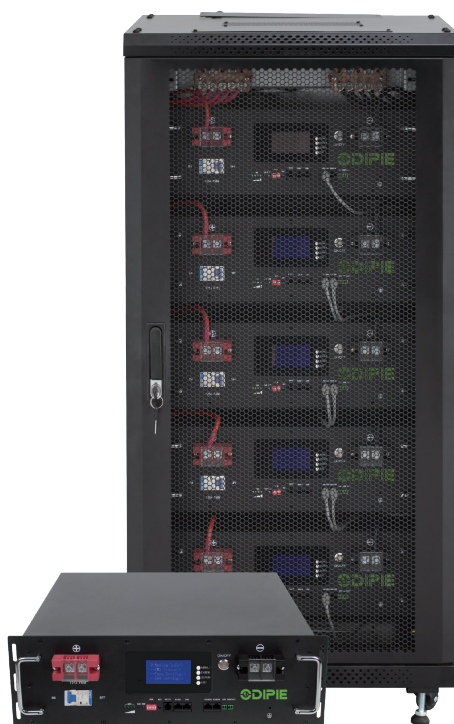
Can provide several
times the power of
lead-acid batteries



Supports parallel connection
of up to 16 battery units



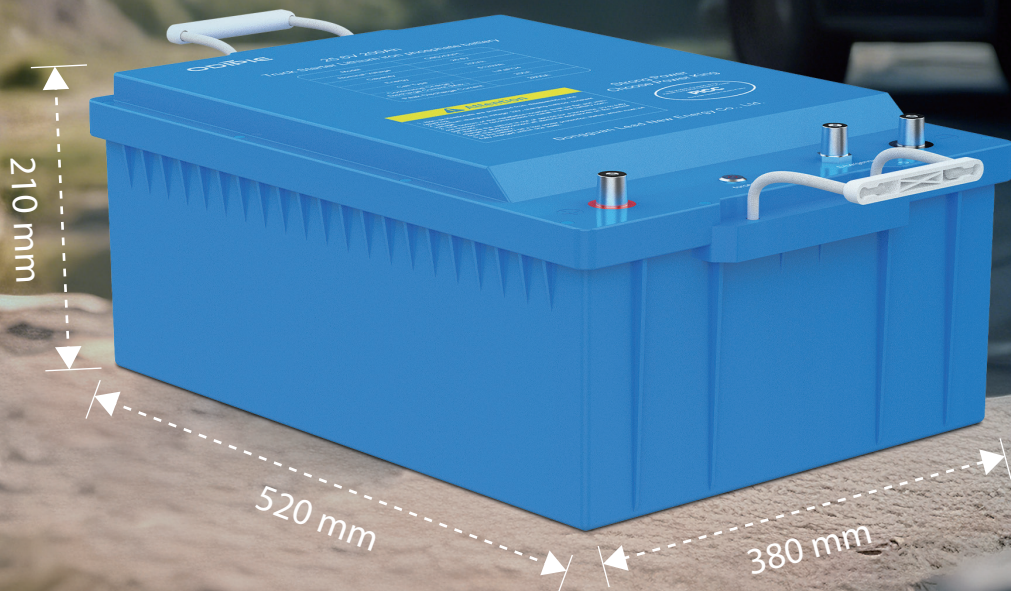
WiFi (Optional)
Bluetooth(Optional)



Model	R512100	R512200	R512300
Battery Type	LiFePO4	LiFePO4	LiFePO4
Norminal Voltage (V)	51.2	51.2	51.2
Norminal Energy (kWh)	5.12	10.24	16.08
Nominal Capacity (Ah)	100	200	314
Design Years	10 Years	10 Years	10 Years
Size (mm)	485*510*155(19"cabinet)	528*530*236	680*545*236
Weight (kg)	47	85	118
Cycle Life	5000 cycles	3000 cycles	8000 cycles
Operating Voltage Range (V)	40 ~ 58.4	40 ~ 58.4	40 ~ 58.4
Charging Voltage (V)	58.4	58.4	58.4
Charging operating temperature (°C)	0 ~ 55	0 ~ 55	0 ~ 55
Discharge operating temperature (°C)	-20 ~ 55	-20 ~ 55	-20 ~ 55
Charge/Discharge Current (A)	100A	100A	200A
Internal Resistance (mΩ)	≤20	≤20	≤20
Balance Current (mA)	30 ~ 65	30 ~ 65	30 ~ 65
Communic ation Method	CAN/RS485	CAN/RS485	CAN/RS485
Information Storage	10000 Strip	10000 Strip	10000 Strip
Limiting (A)	10/20 (Optional)	10/20 (Optional)	10/20 (Optional)

HEAVY DUTY TRUCK STARTER LIFEPO4 BATTERY

Length: 520mm/542mm incl. handle
Width: 380mm
Height: 210mm/214mm incl. terminal





PRODUCT ADVANTAGES



One-touch
forced start



4G transmission



Bluetooth function



Host display data



Peak overcurrent
3000A



Undervoltage
activation power supply



GPS positioning



Good waterproof

Parameter Table

Model	O8S200PL/R					
Applicable voltage platform	24V					
Cell type	LiFePO4					
Cell capacity	200AH					
Serial-parallel mode	8S1P					
System power	5.12KWH					
Working voltage range	24.8-29.2V					
Maximum continuous charging current	180A					
Maximum charging voltage	32V					
Maximum continuous discharge current	200A					
Maximum starting current	2400A					
Heating temperature rise rate (approx.)	1.5min/°C					
Charging operating temperature	0-55°C					
Discharge operating temperature	-20-55°C					
Storage temperature	-10-45°C					
Working humidity	0-90%RH					
System static power consumption	≤15mA					
Communication method	4G/Bluetooth					
Upgrade method	4G remote control					
IP level	IP66					
Weight	45kg					

QUALIFICATION CERTIFICATE

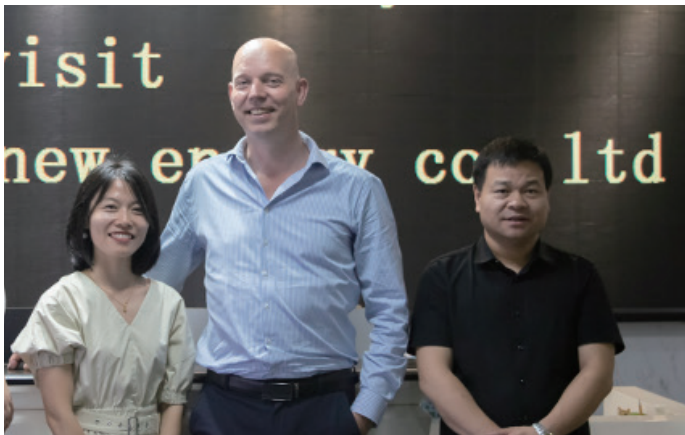
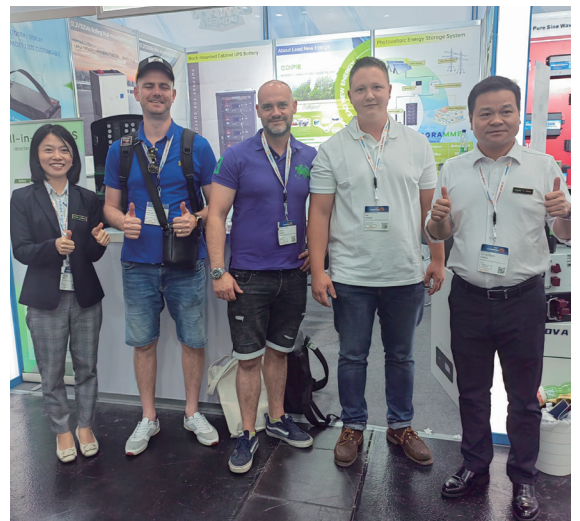
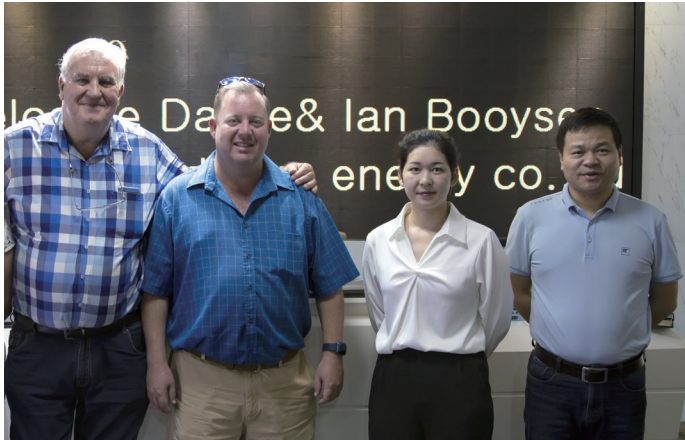
Certification
from professional fields

Professional • focused • dedicated





CUSTOMER PHOTOS



Installation and use scenarios



Customers in Europe



Customers in Australia



Customers in USA Golf Club



Customers in Shenzhen Shekou Port



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