

POWER LITHIUM

LifePO4 LITHIUM ION

SUPERCHEAP

AUTO



POWER LITHIUM
Batteries are one of the most durable
and reliable energy sources in the market.

Power Lithium Battery

Advanced Lithium-ion Battery with Prismatic Cell

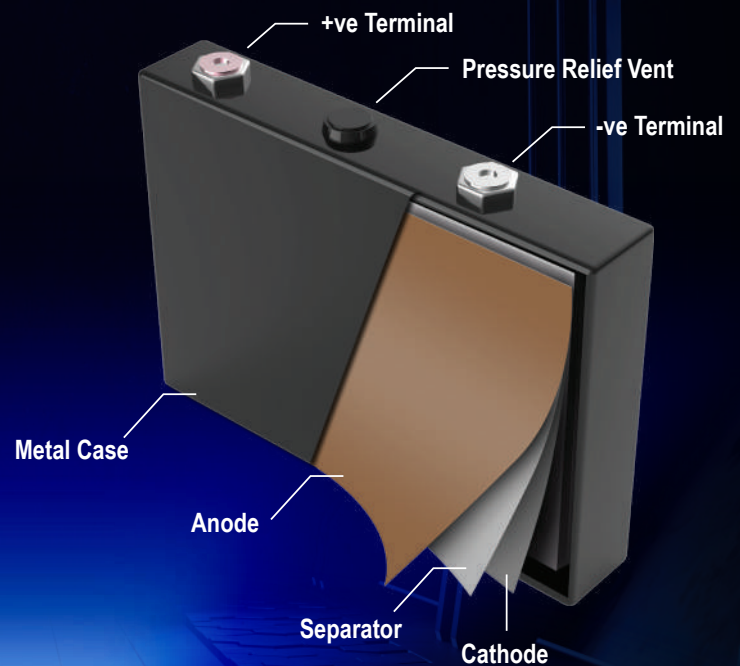


HIGHER PERFORMING AND LONGER LASTING LITHIUM-ION BATTERY

- Lower Cost
- Safe Technology
- Improved Productivity
- Advanced BMS
- Smart Connectivity

ADVANCED LITHIUM-ION TECHNOLOGY

- Higher sustained power, with no voltage drop-off
- Fast charge in as little as one hour
- Safe- No acid spills or combustible gas emissions
- Over 8000 cycles at 30% depth of discharge
- Up to 75% lower cost- fewer replacements needed
- No battery swapping required for multi-shift applications
- No Maintenance Required
- Typically uses 30% less energy
- Longer Cycle Life: Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership.
- Lighter Weight: About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.
- Higher Power: Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.
- Wider Temperature Range: -20°C-60°C.
- Superior Safety: Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation.



IDEAL FOR
ULTRA-HIGH
DISCHARGE



TOASTERS



HAIR DRYERS



KETTLES



MICROWAVES



COFFEE MACHINES



POWER TOOLS



UN 38.3



IEC 62619



IEC62133-2




POWERCELL TECHNOLOGY





ISO 9001




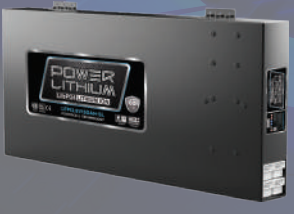
ISO14001

LFP12.8V110AH	Electrical Characteristics	Mechanical
	Chemistry	LiFePO4
	Nominal Voltage	12.8V
	Nominal Capacity	110Ah (C5,25°C)
	Energy	1408Wh
	Internal Resistance	≤20 mΩ
	Cycle Life	>2000 cycles @1C 100%DOD
	Months Self	<3%
	Discharge Efficiency of Charge	100% @0.5C
	Efficiency of Discharge	96-99% @1C
	BMS	4S/4P
Case	ABS	
Dimensions (in./mm.)	306 x 168 x 210 mm	
Weight (lbs./kg.)	11.6 kg	
Terminal	M8	

LFP12.8V135AH-FT-BT	Electrical Characteristics	Mechanical
	Chemistry	LiFePO4
	Nominal Voltage	12.8V
	Nominal Capacity	135Ah (C5,25°C)
	Energy	1536Wh
	Internal Resistance	≤12 mΩ
	Cycle Life	>2000 cycles @1C 100%DOD
	Months Self	<3%
	Discharge Efficiency of Charge	100% @0.5C
	Efficiency of Discharge	96-99% @1C
	BMS	4S/4P - Power Lithium BT
Case	ABS	
Dimensions (in./mm.)	395 x 110 x 286 mm	
Weight (lbs./kg.)	14.8 kg	
Terminal	M8	

LFP12.8V135AH-SL	Electrical Characteristics	Mechanical
	Chemistry	LiFePO4
	Nominal Voltage	12.8V
	Nominal Capacity	135Ah (C5,25°C)
	Energy	1536Wh
	Internal Resistance	≤12 mΩ
	Cycle Life	>2000 cycles @1C 100%DOD
	Months Self	<3%
	Discharge Efficiency of Charge	100% @0.5C
	Efficiency of Discharge	96-99% @1C
	BMS	4S/4P
Case	Commercial Quality Cold Rolled Steel (SPCC)	
Dimensions (in./mm.)	770 x 285 x 63 mm	
Weight (lbs./kg.)	22.5 kg	
Terminal	Standard Connectors	

LFP12.8V150AH-FT-BT	Electrical Characteristics	Mechanical
	Chemistry	LiFePO4
	Nominal Voltage	12.8V
	Nominal Capacity	150Ah (C5,25°C)
	Energy	1920Wh
	Internal Resistance	≤18 mΩ
	Cycle Life	>2000 cycles @1C 100%DOD
	Months Self	<3%
	Discharge Efficiency of Charge	100% @0.5C
	Efficiency of Discharge	96-99% @1C
	BMS	4S/4P - Power Lithium BT
Case	ABS	
Dimensions (in./mm.)	551 x 110 x 288 mm	
Weight (lbs./kg.)	15.5 kg	
Terminal	M8	

LFP12.8V150AH-SL	Electrical Characteristics	Mechanical
	Chemistry	LiFePO4
	Nominal Voltage	12.8V
	Nominal Capacity	150Ah (C5,25°C)
	Energy	1920Wh
	Internal Resistance	≤18 mΩ
	Cycle Life	>2000 cycles @1C 100%DOD
	Months Self	<3%
	Discharge Efficiency of Charge	100% @0.5C
	Efficiency of Discharge	96-99% @1C
	BMS	4S/4P
Case	Commercial Quality Cold Rolled Steel (SPCC)	
Dimensions (in./mm.)	770 x 285 x 68 mm	
Weight (lbs./kg.)	22.7 kg	
Terminal	Standard Connectors	

Lithium 12 Volt Deep Cycle Battery

SL	Model	Length	Width	Height	Volts	BMS	Bluetooth	AH	Terminal
1	LFP12.8V9.5AH	151	65	94	12.8	10A 4S/4P	No	9.5	T2
2	LFP12.8V15AH	151	94	99	12.8	20A 4S/4P	No	15	T2
3	LFP12.8V22AH	181	76	166	12.8	20A 4S/4P	No	22	M5
4	LFP12.8V40AH	196	131	168	12.8	40A 4S/4P	No	40	M6
5	LFP12.8V85AH	260	166	208	12.8	150A 4S/4P	No	85	M6
6	LFP12.8V110AH	306	168	210	12.8	150A 4S/4P	No	110	M6
7	LFP12.8V110AH-BT	306	168	210	12.8	150A 4S/4P BT	Yes	110	M6
8	LFP12.8V135AH	330	175	215	12.8	150A 4S/4P	No	135	M8
9	LFP12.8V135AH-BT	330	175	215	12.8	150A 4S/4P BT	Yes	135	M8
10	LFP12.8V150AH	483	171	240	12.8	150A 4S/4P	No	150	M8
11	LFP12.8V220AH	522	240	220	12.8	200A 4S/4P	No	220	M8
12	LFP12.8V225AH	560	125	316	12.8	150A 4S/4P BT	Yes	225	M8
13	LFP12.8V250AH	560	125	316	12.8	150A 4S/4P BT	Yes	250	M8
14	LFP12.8V300AH	560	125	316	12.8	150A 4S/4P BT	Yes	300	M8

Lithium SLIM LINE 12 Volt Deep Cycle Battery

SL	Model	Length	Width	Height	Volts	BMS	Bluetooth	AH	Terminal
15	LFP12.8V110AH-SL	770	285	50	12.8	150A 4S/4P	No	110	Standard Connectors
16	LFP12.8V135AH-SL	770	285	63	12.8	150A 4S/4P	No	135	Standard Connectors
17	LFP12.8V150AH-SL	770	285	68	12.8	150A 4S/4P	No	150	Standard Connectors
18	LFP12.8V200AH-SL	770	285	82	12.8	200A 4S/4P	No	200	Standard Connectors
19	LFP12.8V225AH-SL	770	285	92	12.8	200A 4S/4P	No	225	Standard Connectors
20	LFP12.8V250AH-SL	770	285	103	12.8	200A 4S/4P	No	250	Standard Connectors
21	LFP12.8V300AH-SL	770	285	113	12.8	200A 4S/4P	No	300	Standard Connectors

Lithium FRONT TERMINAL 12 Volt Deep Cycle Battery

SL	Model	Length	Width	Height	Volts	BMS	Bluetooth	AH	Terminal
22	LFP12.8V110AH-FT	395	110	290	12.8	150A 4S/4P	No	110	M8
23	LFP12.8V135AH-FT	395	110	286	12.8	150A 4S/4P	No	135	M8
24	LFP12.8V110AH-FT-BT	395	110	290	12.8	150A 4S/4P BT	Yes	110	M8
25	LFP12.8V135AH-FT-BT	395	110	286	12.8	150A 4S/4P BT	Yes	135	M8
26	LFP12.8V150AH-FT-BT	551	110	288	12.8	150A 4S/4P BT	Yes	150	M8
27	LFP12.8V200AH-FT-BT	560	125	316	12.8	200A 4S/4P BT	Yes	200	M8

Lithium 24 Volt Deep Cycle Battery

SL	Model	Length	Width	Height	Volts	BMS	Bluetooth	AH	Terminal
28	LFP24V110AH	522	240	220	24	150A 2S/4P BT	Yes	110	M8
29	LFP24V135AH	522	240	220	24	150A 2S/4P BT	Yes	135	M8

Lithium 36 Volt Deep Cycle Battery

SL	Model	Length	Width	Height	Volts	BMS	Bluetooth	AH	Terminal
30	LFP36V110AH	522	240	220	36	150A 1S/4P BT	Yes	110	M8
31	LFP36V135AH	522	240	220	36	150A 1S/4P BT	Yes	135	M8



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