



WITH REAL-TIME
BLUETOOTH
ACCESS!

LITHIUM BLUE

Premium Series Lithium Battery



LITHIUM BLUE LiFePO₄ BATTERIES

Discover Energy Systems LITHIUM BLUE LiFePO₄ batteries offer BMS-controlled safety, long life, lightning-fast charging performance and real-time Bluetooth access to battery state-of-charge, voltage, current, and temperature status.

LITHIUM BLUE batteries are designed for motive and mobile applications with a strong focus on safety and ease of installation, and incorporate a field-serviceable fuses, self-heating* and IP67 rating for wet and humid environments.

CHARGES FASTER

- Up to 5x faster than new lead-acid batteries
- 2x faster than lithium batteries with a low current C/2 rate BMS
- Opportunity charge at 1C rate anytime, regardless of SoC

LASTS LONGER

- 10x the life of lead-acid battery (BCI-06)
- Energy throughput performance guarantee

RUNS LONGER

- Double the runtime of similar sized lead-acid
- 100% usable capacity

QUICK INSTALL

- Fast installation, no special tools
- Field replaceable fuse protection

HEATING*

- Integrated self-heating for cold applications.



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LITHIUM BLUE IS PURPOSE-BUILT

		AES-B-G24-12V-H*	AES-B-G24-24V	AES-B-GC12-12V-H*	AES-B-GC12-24V
Industry Reference		G24	G24	GC12	GC12
Dimensions IN	IN	10.3 x 6.9 x 8.3	10.3 x 6.9 x 8.3	12.2 x 7.0 x 10.8	12.2 x 7.0 x 10.8
L x W x H MM	MM	262 x 175 x 210	262 x 175 x 210	312 x 177 x 276	312 x 177 x 276
Weight		11.5 kg / 25.3 lb	11.5 kg / 25.3 lb	20.0 kg / 44.1 lb	20.0 kg / 44.1 lb
Nominal Energy		1.28 kWh	1.17 kWh	2.56 kWh	2.56 kWh
Usable DoD%		100 %	100 %	100 %	100 %
Rated Capacity (1Hr)		1.28 kWh (100 Ah)	1.17 kWh (45 Ah)	2.56 kWh (200 Ah)	2.56 kWh (100 Ah)
Continuous Current		100 A	45 A	150 A	100 A
Peak Discharge (3 sec)		300 A RMS	120 A RMS	375 A RMS	300 A RMS

* LITHIUM BLUE 12V models feature self-heating
UN 38.3 Transport Safety Certified



BLUETOOTH APP

LITHIUM BLUE LiFePO₄ batteries feature a Discover Bluetooth® App that gives real-time access to battery State of Charge, voltage, operating current, temperature, and other operating information.

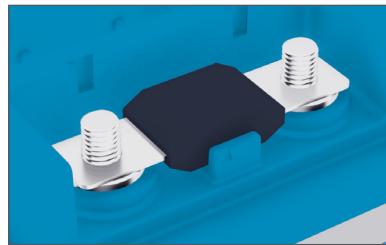


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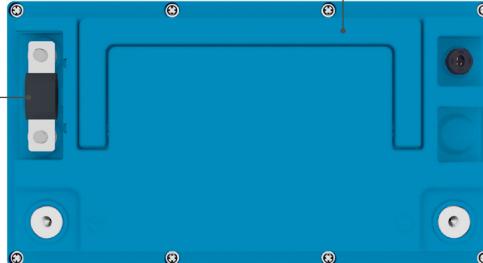
PROTECT YOUR INVESTMENT

Field serviceable fuse to protect your investment from user and application abuse or misuse.



BUILT IN HANDLE

For easy carrying.



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