



AES PROFESSIONAL



AES PROFESSIONAL ENERGY STORAGE SYSTEM

AES PROFESSIONAL batteries are purpose-built for OEMs and System Integrators as a drop-in replacement for popular BCI GC2 size batteries in recreational vehicles, work vehicles, autonomous vehicles, floor care machines, Class 3 walkie-pallet jacks and solar applications.

LYNK PORT

- Connect battery string to LYNK Gateway
- Multi-battery BMS communication
- Remote ON/OFF

HIGH CURRENT BMS

- High Peak Surge, Continuous Current
- Sets Charge Voltage, broadcasts SoC and temperature, balances cells

CHARGES FASTER

- Up to 5x faster than lead-acid batteries
- 2x faster than C/2 rated lithium batteries
- Opportunity charge at 1C rate anytime, regardless of SoC

LASTS LONGER

- 10x the life of lead-acid battery (BCI-06)
- Up to 7 years of energy performance and workmanship warranty coverage

RUNS LONGER

- 2x Runtime of lead-acid batteries
- 100% DoD usable capacity

HEATING

- Integrated self-heating for cold applications.

STATUS VIEW

- ON/OFF Button
- At-a-glance multi-color status LED

LIGHTER WEIGHT

- 50% less weight than similar sized lead-acid



		DLP-GC2-12V	DLP-GC2-24V	DLP-GC2-36V	DLP-GC2-48V
Industry Reference		GC2	GC2	GC2	GC2
Dimensions	IN	10.2 x 7.1 x 10.8	10.2 x 7.1 x 10.8	10.2 x 7.1 x 10.8	10.2 x 7.1 x 10.8
L x W x H	MM	260 x 180 x 275	260 x 180 x 275	260 x 180 x 275	260 x 180 x 275
Weight		14.0 kg / 30.7 lb	14.0 kg / 30.7 lb	14.0 kg / 30.7 lb	14.0 kg / 30.7 lb
Nominal Energy		1.536 kWh	1.536 kWh	1.152 kWh	1.536 kWh
Usable DoD%		100 %	100 %	100 %	100 %
Rated Capacity (1Hr)		1.5 kWh (120 Ah)	1.5 kWh (60 Ah)	1.2 kWh (30 Ah)	1.5 kWh (30 Ah)
Max. Discharge Current (1 Hr)		120 A	115 A	58 A	58 A
Max. Charge Current (1 Hr)		115 A	58 A	29 A	29 A
Peak Discharge (3 sec)		360 A RMS	180 A RMS	90 A RMS	90 A RMS

UN 38.3, IEC 62619, CE, UL 2271

For full specifications please refer to AES PROFESSIONAL product data sheets.

LYNK II GATEWAY

ADVANCED INTEGRATION – FASTER CHARGING

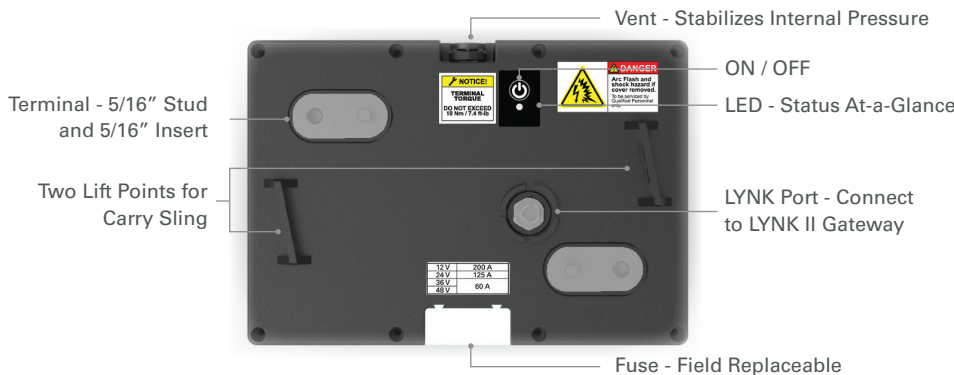
Unlock the full potential of a **AES PROFESSIONAL** battery by enabling the BMS to optimize and dynamically manage the charge configurations of the world's best chargers and inverter chargers. The LYNK Port on each battery enables communication across the battery string and the real-time closed-loop communication of SoC and other data with a variety of chargers, inverter chargers, system controls, displays and telematics.



- SoC Display
- Battery Firmware Upload
- SD Card Memory
- CAN Open / J1939
- USB Device

PROTECT YOUR INVESTMENT

AES PROFESSIONAL batteries are IP67 rated for wet and humid environments, include a field-serviceable protection fuse, and feature the highest quality cobalt and nickel free automotive grade LiFePO₄ cells for safe, long-life performance.



OPTIONAL ACCESSORIES

- Remote State of Charge Display
- Harnesses
- Battery Network Cables
- LYNK Port T Connectors

#7 -13511 Crestwood Place, Richmond, BC, V6V 2E9, Canada

+ 1.778.776.3288

info@discoverlithium.com

discoverlithium.com