

Discover® LITHIUM PRO










WITH LYNK
CONNECTIVITY!



LITHIUM PRO LiFePO₄ PROFESSIONAL SERIES BATTERIES

Discover® LITHIUM PRO batteries are purpose built for the drop-in replacement of 12V, 24V and 48V groupings of the popular BCI GC2 size battery used in off-grid solar applications.

-  **LYNK PORT**
 - J1939
 - Multi-battery BMS communication
 - Connects battery string to LYNK Gateway
 - Remote On/Off
-  **COLD CHARGING**
 - Integrated self-heating
 - Charging from -20°C / -4°F
-  **CHARGES FASTER**
 - Up to 5x faster than new lead-acid batteries
 - Up to 10x faster than aged lead-acid batteries
 - 2x faster than C/2 rated lithium batteries
 - Opportunity charge at 1C rate anytime, regardless of SoC
-  **RUNS LONGER**
 - Double the high-current runtime of lead-acid battery
 - Easy to parallel for more capacity
 - 100% DoD usable capacity
-  **LASTS LONGER**
 - 10x the life of lead-acid battery (BCI-06)
 - Unlimited Partial State of Charge cycles
 - Up to 7 years of energy performance and workmanship warranty coverage
-  **STATUS VIEW**
 - At-a-glance multi-color status LED
-  **LIGHTER WEIGHT**
 - 50% less weight than similar sized lead-acid

885-0028 REV C

#4 - 13511 Crestwood Place, Richmond, BC, V6V 2E9, Canada

+ 1.778.776.3288 @ info@discoverbattery.com

discoverbattery.com

LITHIUM PRO IS PURPOSE-BUILT

		DLP GC2-12V	DLP GC2-24V	DLP GC2-48V
Industry Reference		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
L x W x H	MM	260 x 180 x 275	260 x 180 x 275	260 x 180 x 275
Weight		13.8 kg / 30.4 lb	13.8 kg / 30.4 lb	13.8 kg / 30.4 lb
Nominal Energy		1.536 kWh	1.536 kWh	1.536 kWh
Usable DoD%		100 %	100 %	100 %
Rated Capacity (1Hr)		1.5 kWh (120 Ah)	1.5 kWh (60 Ah)	1.5 kWh (30 Ah)
Reserve Capacity @ 25A		288 min.	144 min.	72 min.
Continuous Charge Current		120 A	60 A	30 A
Peak Discharge (3 sec)		350 A RMS	218 A RMS	105 A RMS

CE Marked, UN 38.3 Transport Safety Certified, IEC 62619 (Pending), UL 1973 (Pending)

For full specifications please refer to Lithium PRO product data sheets.

LYNK II GATEWAY

ADVANCED INTEGRATION – FASTER CHARGING

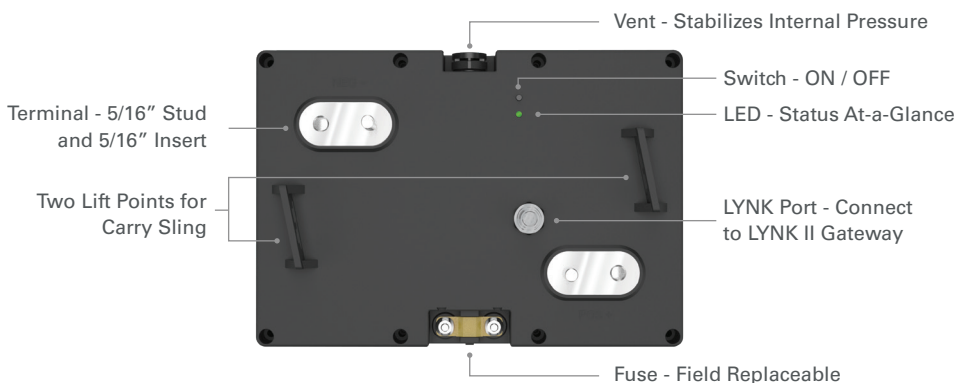
Unlock the full potential of a LITHIUM PRO battery by enabling the BMS to optimize and dynamically manage the charge and discharge configurations of the world's best off-grid inverter chargers and solar charge controllers. Remotely monitor the aggregate SoC for a string of LITHIUM PRO batteries and data log multiple sites using the data monitoring services offered by multiple brands of off-grid inverter systems.



- SoC Display
- Battery Firmware Upload
- SD Card Memory
- CAN Open / J1939
- USB Device
- Programmable Relays for AGS, Load Shedding

PROTECT YOUR INVESTMENT

LITHIUM PRO 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 On / Off Key
- Remote State of Charge Display
- Harnesses

Discover[®]
Innovative Battery Solutions