



LT 25.6V 75Ah B - Peak Series

Oversized Premium Software 100A BMS - Solid Grade A+ 26650 Cylindrical Cell Construction - Bluetooth/ Canbus Monitoring - Low Temp Charge Protection - Sealed IP 65 GC2H Size Case - Removable Top

Electrical Properties

25.6V 75Ah 1920Wh

Cycle Life

6000 Cycles at 0.2C to 80% DoD

Dimensions

BCI Group Fit GC2H
14.48" x 7.48" x 9.64"
(368 x 190 x 245mm)
40lbs (18.2kg)
IP65

Discharge

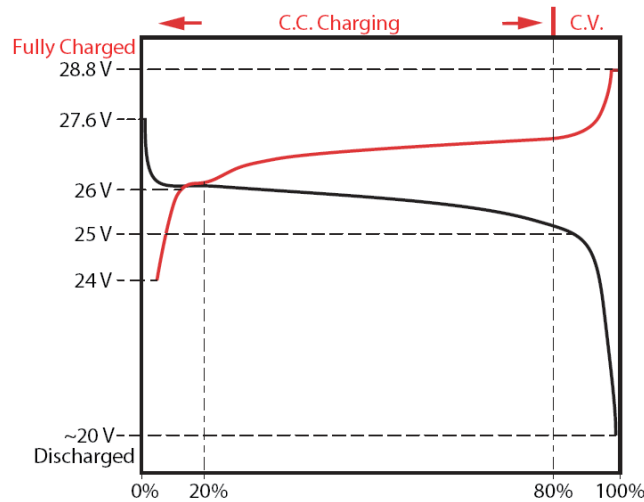
Optimal Current 15A (0.2C)
Max Cont. Current 75A (1C)
≤5min
Max Inst. Current 300A (4C)
≤15s

Charge

Optimal Current 15A (0.2C)
Max Cont. Current 75A (1C)
≤5min

Certifications

UN 38.3, IEC626619-3600,
3.2V26650 CB IEC62133



BMS Properties

Charge Balancing, Current, Voltage, Short Circuit, Temperature, Low Temp Charge Protect
Bluetooth, Software Adjustable Set Points
'Lynac Intel Plus' App, Canbus

Terminal Connections

M8 (5/16") Lug - Brass Bolt

Warranty

3 Year Manufacturer with 7 Year Prorated



Waterproof



Featherweight



Shock Resistant



Supercharged



Bluetooth



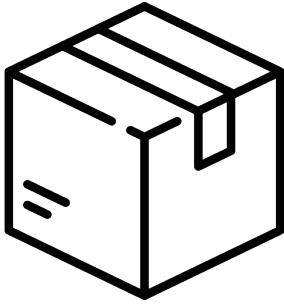
PEAK Series

What is Peak Series?

Pinnacle of Power output for LFP Smart batteries. The Peak Series is engineered to bring you a compact, drop-in ready boost for Electric Boats - Golf Carts - Trolling Motors. Our high output BMS comes loaded with all the latest monitoring and protection features that will not be beat.

Phone: 1 (877) 330-4519

Email: Sales@lynac.com



Battery Storage

70% State of Charge @26.4V - in a cool dry location.
Disconnect all loads and sources - Verify charge level after one month.
Can store in sub-zero temperatures if battery charge level is properly maintained.

Charge Settings

Absorb Voltage: 28.0Vdc - 28.8Vdc

Max Charge Voltage: 29.2Vdc

Ideal Bulk Current: 0.2C - 0.5C (20Adc - 50Adc for a 100Ah Battery)

Max Bulk Current: 1C* (100Adc for a 100Ah Battery)

Float Voltage: 26.4Vdc - 27.2Vdc (not required)

Tail Current: 0.02C - 0.05C (2A - 5A for a 100Ah battery)

Equalization: Off (or set to Absorb Voltage)

Temperature Compensation: Off

Peukert Exponent: 1.0

Charge Efficiency Factor: 99%

Basic Profile: Constant Current - Constant Voltage (CC-CV)

Voltage vs State of Charge

Voltage	27.8V	27.2V	26.8V	26.6V	26.4V	26.2V	26V	25.8V	25.6V	25V	24.2V	20.0V
Capacity	100%	99%	98%	90%	70%	40%	30%	20%	17%	14%	10%	0%

IMPORTANT: BATTERY INFORMATION

- LFP batteries can be discharged in sub zero Temperatures but should not be charged - low temperature charge protection and/ or battery heating can be used to prevent damage.
- LFP batteries should not be charged directly from an Alternator without proper regulation. Batteries should always be isolated from other battery chemistries in the system.
- Parallel connected batteries can be charged using a single bank charger but should be charged to FULL, individually, then connected at while at matched Voltages for initial balancing. A multi bank charger can balance series connected batteries during each charge.
- Maintenance and trickle charging is not necessary for LFP batteries and can be damaging over time. When batteries are not in use for long periods or in storage, leave resting at a partial state of charge (approx. 60% - 80%) - best practice is to charge just before use.