

THE NEXT INNOVATION IN LITHIUM BATTERIES



Dual Purpose Starter & Deep Cycle Lithium Battery

MODEL	VOLTAGE (V)	CAPACITY (AH)	PULSE CRANKING (PCA)	BCI GROUP SIZE	SIZE (IN.)	WEIGHT (LBS.)
LFPG12.8-40GU1	12.8	40	250	U1	7.68 x 5.12 x 7.09	11.02
LFPG12.8-50	12.8	50	300		9.02 x 5.43 x 8.43	17.89
LFPG12.8-80G24	12.8	80	800	24	10.2 x 6.6 x 8.3	24.9
LFPG12.8-100G27	12.8	100	1000	27	12 x 6.6 x 8.3	28.6
LFPG12.8-115G31	12.8	115	1000	31	13 x 6.8 x 8.3	34.3
LFPG12.8-2004D	12.8	200	1200	4D	20.6 x 8.97 x 9.8	62.7
LFPG12.8-3008D	12.8	300	1200	8D	20.6 x 11 x 9.8	88.18



www.powersyncenergy.com
(877) 459-4591

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LIFEPO4 + Graphene

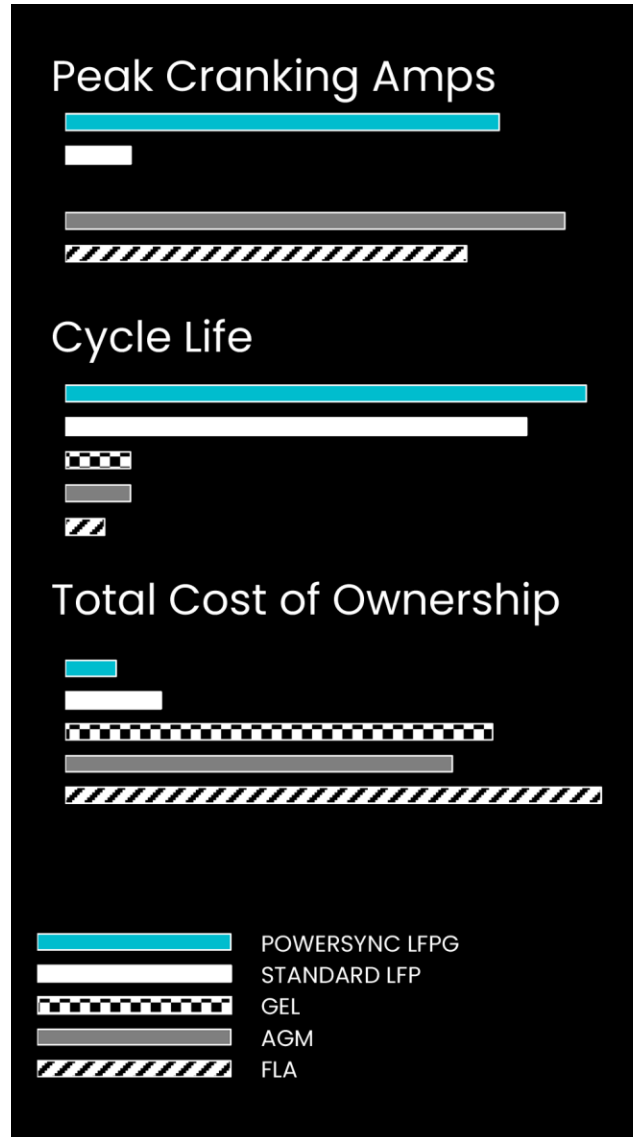
DUAL PURPOSE STARTER & DEEP CYCLE LITHIUM BATTERY

WHY GRAPHENE?

Graphene is a highly electroconductive two-dimensional transparent polymer which positively impacts the performance of the battery making them more stable, flexible, stronger, and resilient than standard lithium ion batteries.

GRAPHENE BENEFITS

- Higher energy density
- Higher current tolerances
- Lower operating temperatures
- Faster cycle times
- Maintains charge longer
- Longer lifespan



LIFEPO4 + Graphene

Group 8D
12.8V-300Ah / 1200 PCA
3840 Wh

DESIGN FEATURES INCLUDE:

- More Capacity
- More Cranking Power
- Better Temperature Resilience
- Internal Heater for Cold Climates
- Longer Cycle Life
- Bluetooth Monitoring App Built in
- State Of Charge Meter
- Series or Parallel Scalability
- IP-65 Rating
- Limited 8 Year Warranty



REMOTE MONITORING

The built-in state of charge meter and an available iPhone and Android app will allow you to monitor the battery state of charge, voltage, current, and temperature.



SCALABLE SIZING OPTIONS

POWERSYNC™ LFP + Graphene battery modules can be connected in series (≤ 4) and parallel (≤ 4) for greater flexibility in system sizing.

# of Batteries	Capacity in kWh	Energy Load (Watts)								Hours of Runtime
		100	200	500	1,000	1,500	2,000	3,750	5,000	
1	3.84	38	19	8	4	3	1.9	1.0		
2	7.7	77	38	15	8	5	4	2	1.5	
3	11.5	115	58	23	12	8	6	3	2	
4	15.4	154	77	31	15	10	8	4	3	