

## Lithium Power Systems

*High Efficiency.*

*Reliable Performance.*

*Zero Maintenance.*

Our lithium batteries deliver safe, efficient, and maintenance-free energy for material handling equipment. Designed with advanced Lithium Iron Phosphate (LFP) technology, it offers longer run times, rapid charging, and lower operating costs while reducing your carbon footprint. With modular flexibility and proven durability, it keeps your fleet powered and productive around the clock.



### Features

- Superior Telematics: Real-time monitoring, reporting, and 24/7 connectivity via secure cloud access
- Battery Management System (BMS): Protects against over/under temperature, balances cells, and maximizes usable energy
- Durability: Operating range from -22°F to 140°F, robust design for vibration and impact resistance
- Warranty: Up to 5 years / 3300 cycles, exceeding industry standards

### Applications

- Forklifts and lift trucks
- Pallet jacks and AGVs
- High-throughput warehouses and distribution centers
- Multi-shift industrial operations



## Specifications

| LIB Model Number <sup>1 5</sup> (XXX = Ahr Level) | Up to WGT <sup>2</sup> (LBS) | Length <sup>3</sup> | Width <sup>3</sup> | Height <sup>3</sup> | Amp Hour Level <sup>1</sup> | Amp Hour Level <sup>2</sup> | Amp Hour Level <sup>3</sup> |
|---|------------------------------|---------------------|--------------------|---------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>24 Volt</b>                                    |                              |                     |                    |                     |                             |                             |                             |
| 24-85LI07-XXX-2509                                | 600                          | 25.38               | 8.56               | 23.38               | 270                         | 180                         | --                          |
| 24-85LI15-XXX-3113                                | 990                          | 30.63               | 12.69              | 23.25               | 450                         | 360                         | 270                         |
| 24-885LI15-XXX-3513                               | 1212                         | 35.12               | 12.94              | 23.25               | 560                         | 450                         | 360                         |
| 24-100-LI13-XXX-3113                              | 1100                         | 30.63               | 12.81              | 26.25               | 560                         | 450                         | 360                         |
| 24-125-LI13-XXX-3113                              | 1430                         | 30.63               | 12.69              | 30.94               | 690                         | 560                         | 450                         |
| 24-125LI15-XXX-3513                               | 1680                         | 35.12               | 12.94              | 30.81               | 840                         | 690                         | 560                         |
| 24-125LI15-XXX-3614                               | 1680                         | 36.00               | 14.00              | 30.50               | 840                         | 690                         | 560                         |
| 24-125LI17-XXX-3813                               | 1896                         | 38.12               | 13.44              | 30.81               | 840                         | 690                         | 560                         |
| <b>36 Volt</b>                                    |                              |                     |                    |                     |                             |                             |                             |
| 36-85LI13-XXX-3816                                | 1560                         | 37.75               | 15.44              | 22.88               | 560                         | 450                         | --                          |
| 36-85LI17-XXX-3326                                | 2070                         | 33.13               | 25.63              | 22.88               | 560                         | 450                         | --                          |
| 36-85LI17-XXX-3920                                | 1900                         | 38.13               | 19.94              | 22.88               | 560                         | 450                         | --                          |
| 36-85LI17-XXX-3227                                | 2070                         | 32.00               | 26.50              | 22.88               | 560                         | 450                         | ---                         |
| 36-85LI19-XXX-3822                                | 2322                         | 38.13               | 22.38              | 22.94               | 690                         | 450                         | --                          |
| 36-85LI21-XXX-3925                                | 2484                         | 38/.13              | 24.63              | 22.88               | 840                         | 690                         | 560                         |
| 36-85LI23-XXX-3927                                | 2550                         | 38.25               | 27.00              | 22.88               | 840                         | 690                         | 560                         |
| 36-85LI25-XXX-3930                                | 3024                         | 38.25               | 29.25              | 22.88               | 840                         | 690                         | 560                         |
| 36-85LI27-XXX-3832                                | 3258                         | 38.25               | 31.50              | 22.88               | 840                         | 690                         | 560                         |
| 36-125LI11-XXX-3813                               | 1890                         | 37.88               | 13.19              | 30.50               | 560                         | 450                         | --                          |
| 36-125LI13-XXX-3815                               | 2160                         | 37.75               | 15.44              | 30.50               | 690                         | 560                         | 450                         |
| 36-125LI15-XXX-3918                               | 2500                         | 38.13               | 17.69              | 30.50               | 690                         | 560                         | 450                         |
| 36-125LI17-XXX-3620                               | 2600                         | 38.13               | 19.94              | 30.50               | 840                         | 690                         | 560                         |
| <b>48 Volt</b>                                    |                              |                     |                    |                     |                             |                             |                             |
| 48-85LI15-XXX-3824                                | 1818                         | 38.13               | 23.63              | 22.88               | 560                         | 450                         | --                          |
| 48-85LI17-XXX-3927                                | 2560                         | 38.13               | 36.63              | 22.88               | 560                         | 450                         | --                          |
| 48-85LI19-XXX-3930                                | 2825                         | 38.13               | 29.63              | 22.88               | 690                         | 560                         | 450                         |
| 48-85LI21-XXX-3933                                | 3300                         | 38.25               | 32.75              | 22.88               | 840                         | 690                         | 560                         |
| 48-85LI21-XXX-3833                                | 3740                         | 38.25               | 32.75              | 22.50               | 840                         | 690                         | 560                         |
| 48-85LI25-XXX-3938                                | 4030                         | 39.00               | 38.25              | 22.50               | 840                         | 690                         | 560                         |
| 48-125LI13-XXX-4421                               | 2880                         | 43.63               | 20.63              | 30.81               | 690                         | 560                         | 450                         |
| <b>80 Volt</b>                                    |                              |                     |                    |                     |                             |                             |                             |
| 80-125LI09-XXX-4027                               | 3480                         | 40.38               | 27.81              | 30.50               | 560                         | 450                         | --                          |
| 80-125LI11-XXX-4033                               | 4250                         | 40.44               | 33.40              | 30.50               | 560                         | 450                         | --                          |
| 80-125LI13-XXX-4039                               | 4800                         | 40.13               | 39.06              | 30.50               | 690                         | 560                         | 450                         |

1. These 93 models/sizes reflect the most popular lead battery types and there are many more available that can be modified to meet specific truck dimensions or applications.

2. Weights are either listed in actual pounds or up to a certain weight as indicated by "4800" lbs.

3. It is imperative that dimensions and weights are measured and confirmed, in advance of quotes or orders, to meet and satisfy individual equipment specifications.

4. 36-volt and 48-volt series are UL Listed as of 05/2023.

5. XXX = the actual capacity of the modular power level (1-2) verified by a power study.

The Lithium Power System is more than a battery - it's a long-term energy solution. Backed by the expertise of Briggs Power Solutions and Briggs Equipment, you gain a complete end-to-end partnership with equipment, parts, service, rentals, and power to keep your operation running strong.

