

LC SERIES LiFePO4 Lithium Batteries



Model	Nominal Voltage	Nominal Capacity	Energy	Capacity at 25 A	Measurements (L x B x H, mm)
LC 20L	12,8 V	20 Ah	256 Wh	48 min	181 x 76 x 169
LC 22L	12,8 V	22 Ah	281,6 Wh	53 min	168 x 128 x 130
LC 35L	12,8 V	35 Ah	448 Wh	84 min	195 x 131 x 171
LC 50L	12,8 V	50 Ah	640 Wh	120 min	197 x 166 x 173
LC 75L	12,8 V	75 Ah	960 Wh	180 min	260 x 168 x 218
LC 100	12,8 V	100 Ah	1280 Wh	240 min	335 x 174 x 191
LC 100L	12,8 V	100 Ah	1280 Wh	240 min	329 x 172 x 223
LC 200L	12,8 V	200 Ah	2560 Wh	480 min	520 x 267 x 228
LC 260L	12,8 V	260 Ah	3328 Wh	624 min	520 x 267 x 228

Features and Advantages



High Cycle Life

>4000 cycles at 80% DoD for an effectively lower total cost over the battery's lifespan.



Longer Service Life

Stable chemistry and durability result in a low maintenance, long life battery.



Short Charging Times

Significantly shorter charging times compared with conventional batteries. No frequent recharging necessary!



Absolutely Safe

The combination of lithium, iron and phosphate releases no oxygen. This means the battery cannot ignite or explode.



Built in Circuit Protection

Integrated Battery-Management-System (BMS) protects the battery for carefree use.



Extreme Heat Tolerance

Suitable for use even in extraordinarily high ambient temperatures of above 60 °C.



Safe Storage

Extremely low self-discharge and no sulphation mean the battery can be stored up to 6 months.



Lightweight

Weighs between a third and a quarter of the weight of a conventional battery.

Applications

Lithium Iron Phosphate can be used in most applications that use Lead Acid, Gel or AGM type batteries.:

Motorhomes

Golf Carts

Solar Storage

Boats

Buggies

USV/UPS-Systems

... and more

Caution



- Do NOT short circuit, crush or disassemble.
- Do NOT heat or incinerate.
- Do NOT immerse in any liquid.
- Store at 50% capacity. Recharge every 3 months.
The storage area should be clean, cool, dry and ventilated.