



Datasheet

LIONTRON HighCurrent 12.8V 80Ah / CCA 1200A

High current capable lithium battery.

Drop-In replacement for lead batteries.

Liontron HighCurrent Batteries are high current capable lithium batteries as full 12V lead battery replacement. The battery was designed as a high-end solution for applications where extremely high currents are required for short periods of time, e.g. for use with bow thrusters.

Compared to lead batteries, it offers a significant weight reduction, enormous energy reserves and stable voltage even under extreme loads. Despite the extremely light weight and compact design, the battery easily delivers a short-term current output of up to 1200A.

Our batteries are based on lithium iron phosphate technology (LiFePO4). This is currently the safest lithium technology. The integrated BMS constantly monitors the status of the individual cells and protects them against overcharge, overvoltage and overtemperature, among other things.



Model	LTLIFE1280S
EAN / GTIN	4260586370362
Rated capacity	80Ah / 1024Wh
Voltage range	11.0 .. 14.6V
Rated voltage	12.8V
Cycle life	≥3000 @90% DoD
Charge characteristic	CCCV / IU
Bulk voltage	14.2 – 14.6V
Float voltage	13.5 – 13.8V
Recommended max. charge current	50A
Max. charge current	120A
Max. discharge current	400A
Pulse discharge current CCA (≤20Sek.)	1200A
Battery Management System	integrated
Monitoring	Bluetooth not available
Temperature (discharge)	-20°C .. +60°C
Temperature (charge)	-20°C .. +45°C
Temperature (storage)	-40°C .. +60°C
Terminal	normal- / round pole
Terminal arrangement	Positive terminal right
Warranty	2 years manufacturer warranty
Dimensions (L x W x H) in mm	287 x 189 x 190
Weight	11.5 kg