

# LiFePO4

## LIX High Current HC



LIX HIGH CURRENT - Serie  
80 Ah • 100 Ah

WATTSTUNDE® lithium iron phosphate batteries (LiFePO4) LIX High Current HC are extremely powerful. Ideal for consumers with high starting currents. They are equipped with a battery management system (BMS). An already existing battery can be replaced without much effort.

- BMS included
- extremely powerful
- 1:1 exchangeable with conventional lead-acid batteries
- ideal for high power consumers
- can be connected parallel or in series
- bluetooth interface integrated

Technical changes, errors and misprints reserved Stand 08.2021

# DATA SHEET



Typ	LIX 80-D HC	LIX 100 HC
Article	502-50080	502-50101
Nominal Capacity	80 Ah / 1024 Wh	100 Ah / 1280 Wh
Nominal Voltage	12,8 V	
Recommended Charge Voltage	14,5 ± 0,5 V	
Recommended Charge Current	40 A	80 A
Maximum Charge Current	120 A	120 A
Maximum Continuous Discharge Current (5 min, 25 °C)	250 A	250 A
Maximum Continuous Discharge Current (30 min, 25 °C)	100 A	100 A
Maximum Inverter power (5 min)	3000 W	3000 W
Self Discharge	≤ 1,5 % / month	
Resistance	≤ 30 mΩ	
Batterie Management	System integrated	
Monitoring	Bluetooth 4.0 with Smartphone App	
Enclosure Protection	IP65	
Terminal	M8	
Temperature (Discharge)	- 20 °C bis + 60 °C	
Temperature (Charge)	0 °C bis + 45 °C	
Application / interconnection	Parallel / series connection possible (max. 4 batteries)	

## Dimensions

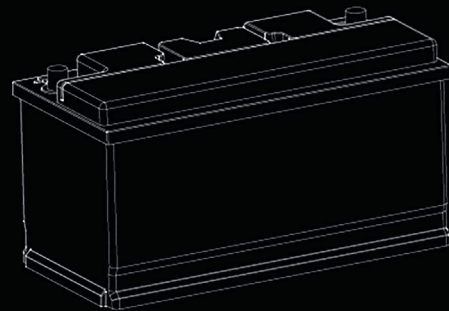
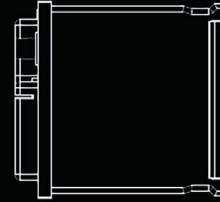
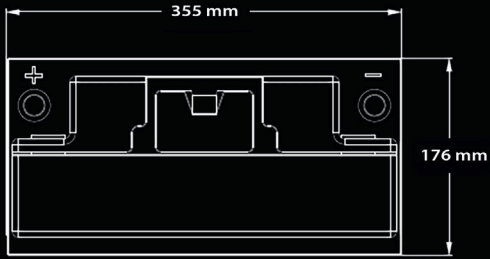
Weight	11,6 kg	12 kg
Dimensions (L x W x H)	355 x 176 x 190 mm	330 x 173 x 214 mm

## Basic Data

Cycle Life	≥ 3000 bei 90 % DoD	
Certifications	CE (Battery), UL 1642 und IEC62133 (Cells)	
Product guarantee	2 Years	

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LIX80-DHC



LIX100-HC

