

LiFePO₄

LIX Low Temperature LT



LIX LOW TEMPERATURE - Series
100 Ah • 200 Ah • 300 Ah

WATTSTUNDE® lithium iron phosphate batteries (LiFePO₄) LIX Low Temperature LT are extremely reliable. Thanks to the integrated heating mat, the LIX LT ensures stable operation even at low temperatures. At a temperature below -2 °C, the built-in heating element ensures that the cell temperature is sufficiently high.

- BMS integrated
- Extremely reliable, even at low temperatures
- 1:1 interchangeable with conventional lead-acid batteries
- Pre-charge protection circuit for inductive loads
- Can be connected in parallel, but also in series
- Bluetooth interface integrated

Technical changes, errors and misprints reserved Stand 01.2022

Typ	LIX 100-D LT	LIX 200 LT	LIX 300 LT
Article	502-50100	502-50200	502-50300
Nominal Capacity	100 Ah / 1280 Wh	200 Ah / 2650 Wh	300 Ah / 3840 Wh
Nominal Voltage	12,8 V		
Recommended Charge Voltage	14,5 ± 0,5 V		
Recommended Charge Current	60 A	100 A	100 A
Maximum Charge Current	100 A	150 A	150 A
Maximum Continuous Discharge Current (30 min, 25 °C)	100 A	200 A	200 A
Maximum Inverter power (5 min)	1200 W	2400 W	2400 W
Self Discharge	≤ 1,5 % / Monat		
Resistance	≤ 30 mΩ		
Batterie Management	integrated		
Monitoring	Bluetooth 4.0 with Smartphone App		
Enclosure Protection	IP65		
Terminal	M10	M8	M10
Temperature (Discharge)	- 20 °C bis + 60 °C		
Temperature (Charge)	0 °C bis + 45 °C		
Application / interconnection	Parallel / series connection possible (max. 4 batteries)		

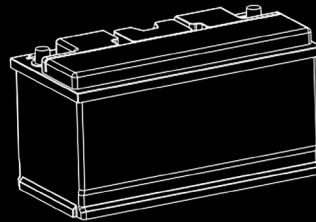
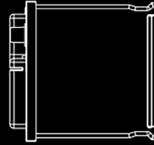
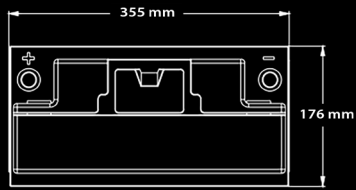
Dimensions

Weight	11,6 kg	25 kg	38 kg
Dimensions mm (L x B x H)	355 x 176 x 190	484 x 170 x 241	520 x 268 x 220

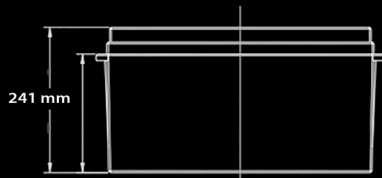
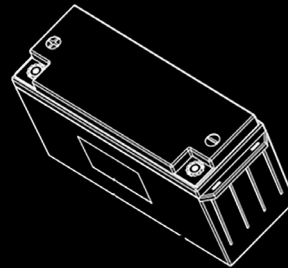
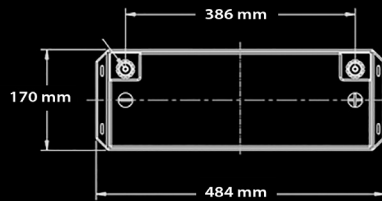
Basic Data

Cycle Life	≥ 3000 bei 90 % DoD		
Certifications	CE (Battery), UL 1642 und IEC62133 (Cells)		
Product guarantee	3 years		

LIX100-D LT



LIX200-LT



LIX300-LT

