



## LiFePO4 12-50 Lithium Akku

12,8V 50Ah 640Wh



The Q-Batteries lithium accumulators with lithium iron phosphate technology (LiFePO<sub>4</sub>) are extremely cycle-resistant and versatile batteries. Compared to other lead-acid battery types, lithium-ion batteries are significantly lighter and have a longer service life. There is no danger of explosion even under extreme conditions or in case of misuse, as the innovative cell technology offers high operational reliability, long shelf life and wide temperature ranges. From a capacity of 75 Ah, the batteries have a Bluetooth interface and can be monitored in real time on a mobile phone or tablet via an Android app.

### Features & Benefits:

- maintenance-free, extremely cycle-resistant
- very high energy density, long shelf life
- Lithium technology
- low weight, compact dimensions

### Application:

- Scooters, cleaning machines
- Rehabilitation technology
- Camper vans, caravans, boats
- Solar applications etc.

### Note for charging Li-Ion batteries:

Only special chargers may be used for charging Li-Ion batteries. The charger must guarantee a constant charging current and a constant final charging voltage and switch itself off accordingly, as a trickle charge would damage the Li-Ion batteries and also destroy them over time.

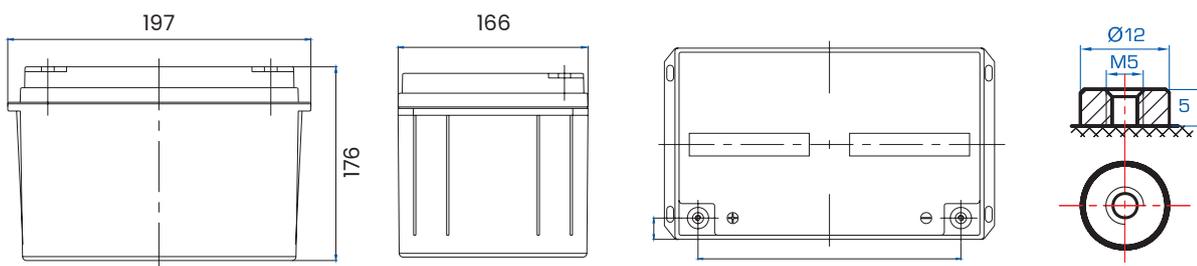


### Specification:

Voltage	12,8 V (charging voltage 14,6V)	
Capacity	50 Ah / 640 Wh	
Weight	7 kg +/- 3 %	
Max. Current	80 A	
Operating temperature ranges	Discharge: -20°C – 60°C	Charge: 0°C – 45°C
Terminal	F13 (M5)	
Technology	LiFePO <sub>4</sub> , Lithium Iron Phosphate	
Container material	A.B.S.	

### Dimensions:

197 mm length x 166 mm width x 176 mm height



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Booth 10/2022