



LiFePO4 12-100 Lithium Akku

12,8V 100Ah 1280Wh



The Q-Batteries lithium accumulators with lithium iron phosphate technology (LiFePO4) 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.

Application:

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



Features & Benefits:

- maintenance-free, extremely cycle-resistant
- very high energy density, long shelf life
- Lithium technology, can be used in any position
- low weight, compact dimensions

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	100 Ah / 1280 Wh	
Cells per unit	128	
Weight	13,60 kg +/- 3 %	
Max. Current	50 A	
Operating temperature ranges	Discharge: -20°C – 60°C	Charge: 0°C – 45°C
Terminal	F12 (M8)	
Technology	LiFePO 4, Lithium Iron Phosphate	
Container material	A.B.S.	

Dimensions:

342 mm length x 173 mm width x 212 mm height

