



Extralink LiFePO4 40AH | Accumulator | 12.8V, BMS



link to the product:

<https://www.batna24.com/gb/p/batteries/extralink-lifepo4-40ah-accumulator-128v-bms>

Price: **939.04 zł** gross / 763.45 zł net

Manufacturer: EXTRALINK



Referention number: DNXXGGJPSJRMNHK

Information:

The Extralink 12V 40Ah LiFePO4 battery is a lightweight, maintenance-free and safe energy storage solution with a long service life. It offers over 2000 operating cycles while retaining around 80% of its capacity, has no memory effect, and is characterised by low self-discharge of less than 3% per month. Thanks to its high energy density, it is at least half the weight of lead-acid batteries, and the built-in BMS supports stable and convenient operation. It is ideal for motorhomes, yachts, vehicles, emergency power systems and other applications requiring a reliable power source.

Product features

Height	179 mm
Width	197 mm
Depth	165 mm
Battery capacity	40000 mAh
Battery capacity	512 Wh
Battery voltage	12.8 V
Package weight	5800 g
Package depth	195 mm
Package height	205 mm
Package width	230 mm
Package type	Box
Output current	50 A
Battery technology	Lithium Iron Phosphate (LiFePO4)
Product colour	Black

Full product description

LiFePO4 battery by Extralink

Extralink LiFePO4 lithium-iron-phosphate batteries with a nominal capacity of **40Ah** offer a whole range of advantages over traditional battery-based solutions made with other technologies. Extralink LiFePO4 means longer life, no maintenance, remarkable safety, lightweight, improved discharge and charging efficiency. LiFePO4 batteries, due to their long life and zero maintenance, **are the best investment for years** to come.



ELECTRICAL SPECIFICATIONS	
Nominal Voltage	12.8V
Nominal Capacity	40Ah
Energy	512Wh
Self Discharge	<3% per Month
Battery Chemistry	LiFePO4
MECHANICAL SPECIFICATIONS	
Casing	IP65 ABS (splash/dust proof)
Terminal	M5
Discharge Temperature	-20°C - 60°C ±25% Relative Humidity
Charge Temperature	5°C - 45°C ±25% Relative Humidity
Storage Temperature	0°C - 40°C ±25% Relative Humidity
CHARGE SPECIFICATIONS	
Rec. Charge Current	8A
Max. Charge Current	50A
Rec. Charge Voltage	14.8 V ± 0.2 V
Max. No. in Series/Parallel	45/4P
DISCHARGE SPECIFICATIONS	
Max. Continuous Discharge	50A
Peak Discharge Current	200A <1s
Rec. Low Voltage Disconnect	10.0 V (2.50V/Cell)
Reconnect Voltage	>10.8 V (2.70V/Cell)
Storage @ 30-50% SOC. Recharge every 3 Months is Recommended	

Key features of Extralink LiFePO4 batteries

Fully maintenance-free LiFePO4 batteries

Extralink's LiFePO4 40Ah batteries do not require active maintenance to extend their life. In addition, these batteries have no **memory effect**, and the low self-discharge rate (<3% per month) of the LiFePO4 battery makes **it possible to store them for longer periods of time**.



Low weight and high power density of LiFePO4 batteries

12V lithium-iron-phosphate (LiFePO4) batteries offer high power density, making the lithium battery relatively small and lightweight. Compared to lead-acid batteries, Extralink's LiFePO4 type provides high energy density and is at least half as light. Choose Extralink LiFePO4 if you want to reduce your concerns about battery weight and size!



LiFePO4 type battery with a large number of duty cycles

LiFePO4 batteries last **more than 2,000 cycles** while maintaining an average of 80% of their rated capacity. In comparison: a traditional lead-acid battery lasts 300-500 cycles at most. The long life makes the **Extralink LiFePO4 battery an excellent economic choice.**



Wide range of LiFePO₄ battery applications

Extralink's LiFePO₄ 12V lithium-iron-phosphate battery is an ideal energy storage for cars, buses, logistics vehicles, boats, emergency power, etc. due to its safety and low cost advantages. **Excellent as a battery for an RV.**

