

PRO Lithium Battery

120 Ah



Suitable for under-seat installation

LiFePO₄ Lithium Technology with a Solid-Liquid Hybrid Electrolyte

The battery is based on a solid-liquid hybrid electrolyte architecture. This design is intended to combine performance and reliability while facilitating integration into a wide range of applications.

Advantages over lithium-ion batteries

- **Higher charging current:** enables shorter charging times.
- **Higher discharge current:** enables powering of more energy-intensive consumers.
- **Reliability:** a dedicated cell architecture designed to meet safety requirements.
- **Long service life:** limited ageing and higher number of charge cycles.
- **Compact integration:** smaller, lighter cells for flexible applications.
- **Sustainability potential:** better recyclability and reduced environmental impact.



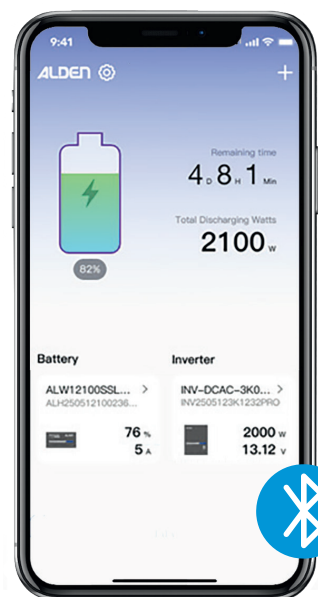
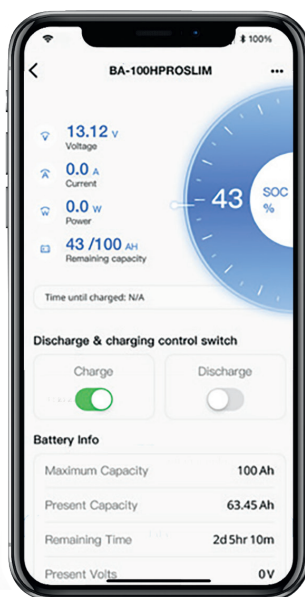
With built-in heating



Integrated Battery Management System
Bluetooth 4.0 via the ALDEN PRO app

Installation options in vehicles

- **Engine compartment** (if sufficient space is available).
- **Under or behind the rear seat** (protected installation).
- **Load platform**
- **Storage spaces** under the floor or on the sides of the cargo area.
- **Secure and easily accessible fastenings.**



With the ALDEN Pro app, you can monitor and manage all your ALDEN Pro devices in real time directly from your smartphone via Bluetooth. Available on the Apple App Store and Google Play.



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Technical specifications

Rated capacity	120 Ah
Rated voltage	12,8 V
Charge voltage range	14,2V à 14,6V
Recommended charge current	24 ~ 60A/120A Max.
Discharge current	120A Max.
Peak discharge current	350A@30s
Charge temperature range	-20°C to 55°C
Discharge temperature range	-20°C to 60°C
Storage temperature range	-20°C to 60°C
Heating film	Yes
Life cycle	Up to 6000 cycles at 80% DOD
Communication	Bluetooth, CAN
Dimensions (L x W x H)	325x189x188 mm
Weight	13,4kg
International protection rating	IP67, résistant aux vibrations.
Connection terminals	M8x18mm
Enclosure material	Aluminium
Warranty	7 years or 6000 charge cycles

Compliance

Certifications	UN38.3, CE, MSDS, ROHS, UL1973, FCC-ID, UKCA, ECE R10
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L x W x H (mm) 325 x 189 x 188

