

12V 120Ah Lithium-ion battery pack

Type ION012120T16

Ultra-compact technology lithium packed in exclusive black anodized aluminum housing. Use only, like conventional 12V 120Ah or flexible battery for the application in PeliCase or in a system Rack with function "HOT PLUG".

In the modular application, the battery can be connected in parallel independently of the state of charge. The battery offers one of the greatest volumes of energy which is actually marketed.

In this manner, we reach a safety and compactness never obtained until now. The integrated electronic safety supervises withdrawal of energy as well as the charging process.

The «Battery Management System» calculates the produced energy at disposal. The state of charge is posted by a screen OLED integrated in the battery.

The battery has a fire protection system, the only one of its kind in the world (Patent ERUN®).

Datasheet



TECHNICAL DATA

Voltage	10.8V nominal 8.8 – 12.6V
Capacity	120 Ah / 1'266 Wh
Charging / Discharging current	40 A / 40 A
Fault current limiter	Yes, electronic
Balancing cells	Yes
Overcharge protection	Yes
Deep discharge protection	Yes
Operating temperature Charge	10°C to 45°C
Operating temperature Discharge	-20°C to 60°C
Storage conditions	-20°C to 40°C
SOC measuring	Yes
SOC display	OLED Display 1"
Connector	Modular
Digital connection	Yes
Dimension L x B x H	262 x 79 x 176 mm
Weight	6.4 kg
Warranty period	2 years / 1'000 cycles

Accessories / Options

- Base for conventional use
- Pelicase 1510 for max. 5 battery packs
- Rack for an easy integration into a vehicle