

## 12V 60Ah Lithium-ion battery pack

Type ION012060T16

The technology lithium ultra-compact packed in a black anodized aluminum exclusive design. Use only, as conventional accumulator, or in modular system: in PeliCase, accumulators lithium can be connected in parallel, independently of the state of load.

This small battery pack offers one of the biggest volumes of energy which is at present marketed. In this way, we reach a safety and a compactness never obtained until then. The electronics of integrated protection watches the energy consumption, as well as the process of load.

« Battery Management System » calculates the energy produced at arrangement. The state of load is shown by 5 blue LEDs.

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

## Technical datasheet



TECHNICAL DATA	
Nominal voltage	10.8V nominal 8.8 – 12.6V
Capacity	60 Ah / 579 Wh
Charging / Discharging current	20 A / 20 A
Protection against short-circuits	Yes, electronic
Balancing of cells	Yes
Overvoltage protection	Yes, 12.6VDC
Deep discharge protection	Yes, 8.8VDC
Operating temperature loading	+10°C - +45°C
Operating temperature discharge	-20°C - +60°C
Storage temperature	-20°C - +40°C
SOC (State Of Charge)	Yes, internal shunt
SOC display	5 LEDs / I <sup>2</sup> C BUS
BMS 1	Deep discharge protection / surge protection as well as communication processor
BMS 2	Overvoltage controller for electronic fuse
Cycles	> 1000
ERUN © anti-fire system	Yes, maximum operating pressure 2 bars
Warranty period	2 years
Certificat	CE / UN 38.3 in preparation
Dimensions L x W x D	168 x 70 x 103 mm
Weight	2.70 kg