

24V 30Ah Lithium-ion battery pack

Type ION24030T16

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 | 21.6V nominal 16.8 – 25.2V |
| Capacity | 30 Ah / 579 Wh |
| Charging / Discharging current | 20 A / 20 A |
| Protection against short-circuits | Yes, electronic |
| Balancing of cells | Yes |
| Overvoltage protection | Yes, 25.3VDC |
| Deep discharge protection | Yes, 16.0VDC |
| Operating temperature loading | 0°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 ² C BUS |
| BMS 1 | Deep discharge protection / surge protection as well as communication processor |
| BMS 2 | Overvoltage controller for electronic / chemical fuse |
| Cycles | ➤ 1000 |
| ERUN © anti-fire system | Yes, maximum operating pressure 2 bars |
| Warranty period | 2 years |
| Certificat | CE / UN 38.3 |
| Dimensions L x W x D | 168 x 70 x 103 mm |
| Weight | 2.70 kg |

 Product available from July 2017