SUBSEA BATTERY CANISTER

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Description

The subsea battery canister is a standalone product for power storage and distribution.

The canister is the same size as other standard lxys tubes, thus making it easy to fit in existing designs.

Easy hook-up and activated with an included switch plug.

A simple 12A charger is included.

Typical Operations

- ROV Operations
- Power storage
- Power distrubution

Features

- Internal BMS with balancing and safety functions
- Passive cell balancing
- Undervoltage protection
- Overvoltage protection
- Charging overcurrent protection
- Discharging overcurrent protection



SPECIFICATIONS

SUBSEA BATTERY CANISTER

General Technical Specifications

Type Part Number

Dimensions L x W x H

Weight in air / submerged

Discharge temperature range

Charge temperature range

Storage temperature range (1 month)

Storage temperature range (3 months)

Storage temperature range (1 year)

Subsea Battery Cannister

107376

207 mm x 207 mm x 330 mm

 $\sim 16 \text{ kg} / \sim 9 \text{ kg}$

-20 °C to +60 °C

0°C to +45 °C

-20°C to +60°C

-20°C to +45°C

-20°C to +25°C

Electrical

Voltage output nominal

Charging voltage (CC-CV)

Continuous discharge current (max)

Continuous charge current (max)

Capasity (@25°C)

Optimal storage voltage

Activation connector

Power connector

Battery Cell Type

21-29.4 VDC

29,4 VDC

30 A

15 A

63 Ah

25 - 26 VDC

Glenair G5506-1503

Glenair G6606-2008

Panasonic Li-ion NCR18650GA

Technical

Depth Rating

MSW 4000



