

SUBSEA BATTERY CANISTER

SUBSEA
BATTERY
1500 WH



Description

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

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

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

A simple 10A charger is included.

Typical Operations

- Subsea Power Supply

Features

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

SPECIFICATIONS

SUBSEA BATTERY CANISTER

Document No.: EVT-13842

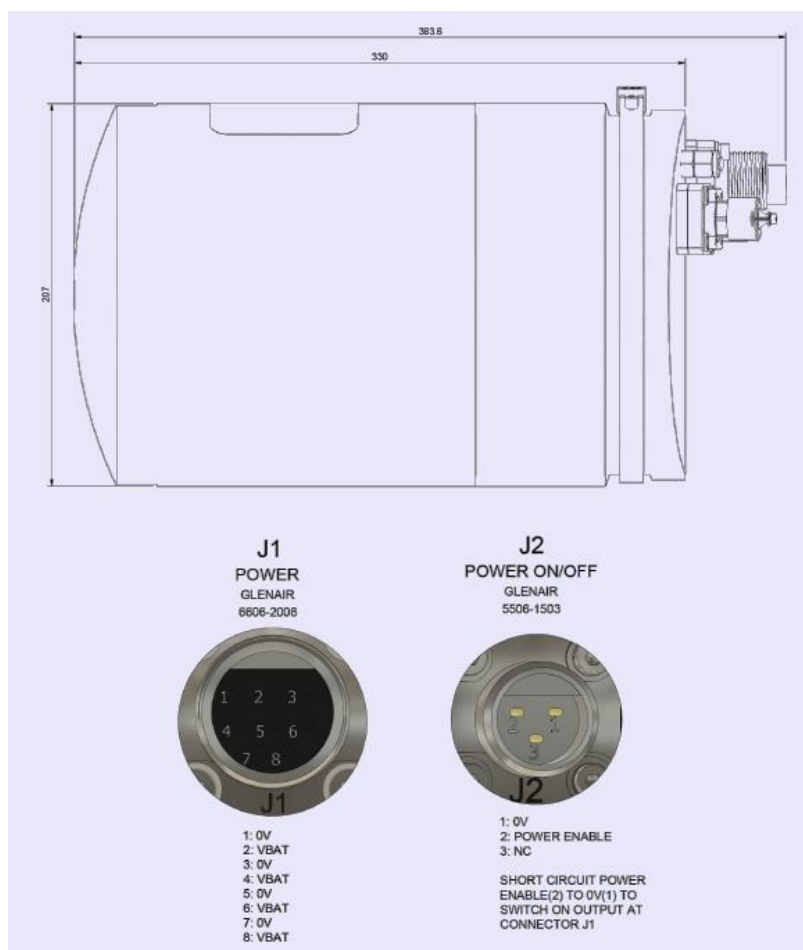
Revision: 0

General Technical Specifications

Type	Subsea Battery Canister
Part Number	SC-BAT
Dimensions L x W x H	207 mm x 207 mm x 330 mm
Weight in air / submerged	16 kg / 9 kg
Depth Rating	3000 MSW
Discharge temperature range	-20°C - +60°C
Charge temperature range	+10°C - +45°C
Storage temperature range (1 year)	-20°C - +25°C
Storage temperature range (3 months)	-20°C - +45°C
Storage temperature range (1 month)	-20°C - +50°C

Electrical Interface

Voltage output nominal	21-29,4 VDC
Charging voltage (CC-CV)	29,4 VDC
Continuous discharge current (max)	10 A
Continuous charge current (max)	10 A
Capacity (@ 25°C)	60 Ah
Capacity (@ 4°C)	50 Ah
Optimal storage voltage	26,5 VDC
Activation connector	Glenair G5506-1503
Power connector	Glenair G6606-2008
Battery Cell Type	Li-ion NCR18650GA



■ The specification details are illustrative for marketing purpose only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Envirent AS, Robotvegen 16, 4340 Bryne, +47 477 77 500, sales@envirent.no

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Inventory List:

Items listed in Inventory List are delivered with the equipment as standard.
Any additional equipment must be specified upon order.

Item	Description	Total Qty
1.	10A Power Charger	1