

SMART BATTERY CANISTER



ADVANCED
DEPLOYMENT
MANAGEMENT

The RBRcervata is the fusion of the RBRfermata underwater battery canister with the RBRcervello data controller, designed to support the RBR standard instruments. It provides both additional battery power and external memory, adding up to four years to deployment times.

FEATURES



128GB
memory



56 D-cell
capacity



Overcurrent
protection



Pressure
relief valve



Three MCBH
connectors



Depths up to
4000m

The RBRcervata downloads the data from your instrument to its memory card at set intervals. It also facilitates advanced deployment management: reconfiguring the instrument, synchronising the realtime clock, and rotating the memory to accommodate longer deployments. An instrument can be connected to or disconnected from the RBRcervata at any time. Power delivery to an attached instrument is constant, regardless of the state of the data controller, including the deep sleep.

SMART BATTERY CANISTER

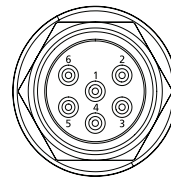
ADVANCED DEPLOYMENT MANAGEMENT

Specifications

Physical

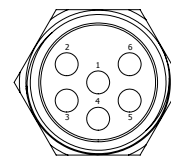
Storage	126GB microSDXC memory card
Power	56 D-cell battery pack
Capacity*	1kWh (alkaline), 1.5kWh (Li)
Connectors	Three MCBH connectors, or a combination of MINK and penetrators
Communication	RS-232 or RS-485
Dimensions	740mm x Ø140mm (housing) 250mm x 142mm (handles)
Housing	Ti
Weight	~30kg in air, ~18kg in water (with batteries)
Depth rating	4000m

MCBH-6-MP connector pinout



- ▶ Pin 1 - Ground
- ▶ Pin 2 - Power
- ▶ Pin 3 - Serial data from instrument
- ▶ Pin 4 - Serial data to instrument
- ▶ Pin 5 - N/C
- ▶ Pin 6 - N/C

MCBH-6-FS connector pinout



- ▶ Pin 1 - Ground
- ▶ Pin 2 - Power
- ▶ Pin 3 - Serial data from instrument
- ▶ Pin 4 - Serial data to instrument
- ▶ Pin 5 - N/C
- ▶ Pin 6 - N/C

* Temperature dependent.



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