

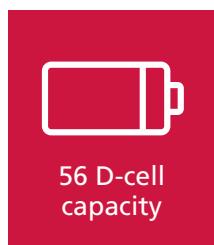
UNDERWATER BATTERY CANISTER



LARGE BATTERY PRESSURE VESSEL FOR EXTENDED DEPLOYMENTS

The RBRfermata battery canister is available in three pressure ratings (750m, 4000m, and 10,000m), and is capable of extending deployments for all RBR instruments and any other devices requiring a nominal 12V supply. Three MCBH connectors are mounted on the top end-cap, and the battery pack design accommodates 56 D-cells, soldered with reverse- and short-circuit protection, in a single wrapped pack.

FEATURES



56 D-cell capacity



Full diode and fuse protection



Pressure relief valve in end-cap



Three MCBH connectors



Battery pack drawings available



Alkaline and lithium variants

The RBRfermata prolongs the life of all deployments by providing 1kWh of power to any underwater instrument. For standard RBR instruments, this is approximately a 40x improvement to our standard battery carriage capacity. Drawings for the battery packs are available to aid local sourcing, particularly in the case of lithium packs (which further increase the capacity to 1.5kWh).



UNDERWATER BATTERY CANISTER

BATTERY PRESSURE VESSEL FOR EXTENDED DEPLOYMENTS



56 D-cell capacity
(1kWh nominal)



Full diode and
fuse protection



Pressure relief
valve in bottom
end-cap



Three MCBH
connectors



Battery pack
drawings available



Alkaline and
lithium variants
available

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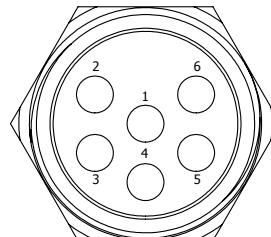
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Specifications

Physical

Power:	56 Alkaline D-cells (arranged as 8 diode-isolated 12-V batteries)
Size:	658mm x 140mm diameter
Material:	POM with titanium hardware
Weight:	15kg (including alkaline pack)
Depth rating:	750m, 4000m, 10,000m
Capacity:	1kWh (alkaline), temperature dependent.

Female Pin Face View



- ▶ Pin 1 - Ground
- ▶ Pin 2 - Power
- ▶ Pin 3 - No connect
- ▶ Pin 4 - No connect
- ▶ Pin 5 - No connect
- ▶ Pin 6 - No connect

