

UNDERWATER BATTERY CANISTER

LARGE BATTERY
PRESSURE VESSEL
FOR EXTENDED
DEPLOYMENTS



The RBR*fermata* 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 RBR*fermata* 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

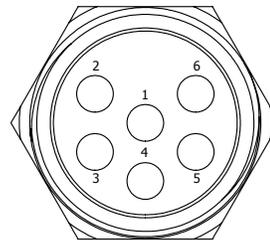
 Alkaline and
lithium variants
available

Specifications

Physical

Power:	56 Alkaline D-cells (arranged as 8 diode-isolated 12-V batteries)
Size:	658mm x 140mm diameter
Material:	Plastic or titanium
Weight:	~16kg in air (plastic) ~5kg in water (plastic) ~32kg in air (titanium) ~20kg in water (titanium)
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



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