



The RBRfermata battery canister extends deployments of all instruments. With a carrousel that accommodates 48 D cells, the batteries are automatically interconnected to ensure equivalent output voltage, regardless of chemistry. Visual indicators confirm the consistency of all cells in the canister, and only once that is true is the output enabled to the 3x MCBH connectors mounted on the top cap.

FEATURES













Available configurations

- Quick-release or low-profile handles
- ▶ 750m, 4000m, or 8000m depth rating

The RBR fermata extends deployments by providing up to 2.8kWh of energy to any underwater instrument, which is about 40x greater than our standard battery carriage capacity. An innovative battery carrousel coupled with quick-release handles facilitates simple, tool-free cell replacement. Status indicator LEDs, for battery loading and voltage-matching detection, ensures correct preparation. Numerous safety features minimise surprises in the event of a battery failure or short circuit.





UNDERWATER BATTERY CANISTER

EXTENDED DEPLOYMENTS, AUTOMATIC BATTERY CONFIGURATION

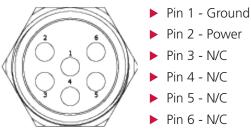
Specifications

Physical

Power	48 D-cells	
Connectors	Three MCBH-6-FS	
Housing	Plastic or Ti	
Length	663mm (quick-release) 686mm (low-profle)	
Diameter	Ø140mm	
Handles (quick-release)	250mm x 142mm	
Weight (plastic, with batteries)*	Quick-release variant: ~14-17kg in air, ~3-5kg in water	
	Low-profile variant: ~13-15kg in air, ~3-5kg in water	
Weight (Ti, with batteries)*	Quick-release variant: ~27-30kg in air, ~16-18kg in water	
	Low-profile variant: ~29-32kg in air, ~19-22kg in water	
Depth rating	750m, 4000m, 8000m	
Operating temperature	-5°C to 35°C	
Storage temperature	-20°C to 60°C	

 f^{\star} Dependent on battery type.

External MCBH-6-FS connector



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Electrical

Battery type	Lithium thionyl chloride	Nickel metal hydride	Alkaline
Nominal voltage	14.4V	14.4V	18.0V
Maximum current		5A per MCBH port	
Capacity	2.8kWh	0.5kWh	0.9kWh

