

Memory Battery Sub

Houses the battery pack in the memory logging tool

Applications

- Power HD logging tools

Features and Benefits

- Enables cased-hole logging in memory mode
- Eliminates need for e-line

Tool Description

The Weatherford memory battery sub is used in conjunction with the memory logging tool. The tool houses the battery pack.

Specifications

Ratings and dimensions

	1-11/16 in.	1-51/64 in.
Diameter	1.69 in. (43.0 mm)	1.79 in. (45.47 mm)
Maximum temperature*	392°F (200°C)	302°F (150°C)
Maximum pressure	15,000 psi (103.4 MPa)	
Materials	Corrosion resistant materials used throughout	

* Batteries is not included.

* Temperature range is determined by the battery pack. Typical battery packs are rated between -4°F to 320°F (-20°C to 160°C).

Hardware characteristics (both sizes)

Combinability	All HD tools (RADii, IQ, PL, RAS etc)
Upper Connection	15/16 in. UN thread

Electrical specifications (both sizes)

	MBS003	MBS004
Battery pack	5 x C cell	5 x CC cell
Nominal	19.5 V	
Cell voltage	3.9 V	
Chemistry	Lithium Sulfuryl Chloride	
Discharge	3% per year at 77°F (25°C)	
Temperature range	-4°F to 320°F (-20°C to 160°C)	

