

## Downhole Battery Cartridge (DBC01/DBC02)

Titan Division | Instruments

### Overview

The Downhole Battery Cartridge provides the power supply to the tool string from an internally mounted high temperature battery pack, which consists of 5 cells with compact structure for easy replacement.

### Specifications

OD	43mm (1 11/16") / 35mm(1 3/8")
Max Working Temperature	150°C (300°F)
Max Working Pressure	100MPa (15,000 psi)
Weight	2.4Kg(5.29lb)/2Kg(4.4lb)
Battery Model	3B3700/ PMX150C
Performance Rating	High
Cell Size	C type
Number of Cell	5
Cell Composition	Lithium Sulfonyl Chloride
Voltage Rating	3.9 VDC cell / 19.5 VDC pack
Battery Capacity	6.2AH
Continuous Discharge Current	Max 500mA



## Downhole Memory Cartridge (DMC09/DMC10)

### Overview

The Downhole Memory Cartridge is used to store the measured data from downhole logging tools in the internal memory chip in a way predefined by the memory control module.

It is also used to access to the data through memory control module for subsequent processing.

### Specifications

OD	43mm(1 11/16")/ 35mm(1 3/8")
Max Working Temperature	175°C (350°F)
Max Working Pressure	100MPa (15,000 psi)
Working Voltage	13.5-20VDC
Standby Current	2mA
Working Current	15-30mA
Data Download Rate	4MB/min (with computer)
Sampling Rate	20ms~24hr, 20ms increment, programmable for each tool /job
Channel Quantity	up to 62
Tool Bus	WSTbus
Memory Capacity	512MB /1GB
Communication Rate	500Kbps

