

Smart Lithium Ion Battery DSL-77/AD

Replacement Ni-cd 13-2V 4AH

Features

- Intelligent High Efficiency Charge Management
- Over-charging and Over-discharging Protection Circuit
- Charge and Discharge Over-temperature Protection
- Battery Protection Circuit Module (PCM) incorporated
- State-of- Charge (SOC) Display
- Rugged military casing
- Smart Circuit Technology ®
- High Energy Density

Applications

- Military communication devices
- Radio Set AN/PRC- 77



TECHNICAL SPECIFICATIONS

Part No.	16-77- 000-1
Nominal Voltage	14.4V
Capacity	9.2AH
Max. Discharge	6.0 A
Max. Pulse Discharge	11.0A < 1.0 Sec
Energy	130 W h
Life Cycle	Min 350 cycles (No Memory Effect as in Ni-Cd)
Operating Temperature	-20°C to +55°C
Storage Temperature	0°C to +35°C
Self-Discharge	Negligible
Exterior/Housing	Metal Box
Terminals/Connector	Customized Connector
State-of- Charge Indicator	5-segment LCD Display
Qualification	Designed to meet Military Standard
Protection	Over Voltage Protection Under Voltage Protection Over Discharge Current Protection Over Charge Current Protection
Charging	Recommended Charging Rate is 2.5 A to Max Voltage 16.8 V in a temp range 5°C to 45°C
Charge Management Control	Can use any commercially available Charger having output of 18~23 V DC,100W

