



AIRCRAFT DATA LOGGER BATTERY PACK 14.4V 12Ah LITHIUM THIONYL CHLORIDE



- ❖ Steatite Limited has developed a Lithium Thionyl Chloride battery pack in association with Rotadata Limited. The pack is integrated into a data logger for onboard monitoring of aircraft engine thermocouple temperatures.
- ❖ Built in protection circuits guard against high current drain, over discharge and indirect lightning strike.
- ❖ This 14.4V 12Ah battery pack has successfully powered the data logger during flights over 6 months.

SPECIFICATION:

Voltage & Capacity: 14.4V 12Ah Lithium Thionyl Chloride

Temperature range: Cells -40°C to +150°C, Pack requirement -20°C to +85°C

Packaging: Cells housed in Delrin (Acetal) covers protected by high temperature heatshrink sleeve, 6 way military style socket, 100mm cable length

Protection circuits: Cells individually fused (1A) and a central Transzorb pcb protects the pack against indirect lightning strikes

Testing: Vibration, Temperature, Lightning Strike Performance

Part No: BB01P4MD01

- ❖ Alternative arrangements to the above specification can be discussed

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