



## *Model 9422 Aircraft Battery Advanced, High-Capacity 24 V / 50 Ah, Lithium Ion*



- *Built-in “plug-and-play” electronics utilize existing on-board NiCd charging systems for significant cost and logistical savings*
- *Over 1000 hours of in-flight use*

- *Developed for the B2 program*
- *Currently the USAF B2 Spirit post -“Link-16 Upgrade” production battery*
- *24V / 50 Ah drop-in replacement for original 24V / 10 Ah NiCd battery of same size and weight!*
- *Significant improvement in low-temperature performance, available capacity and battery life over original NiCd batteries*
- *Fully qualified and Nuclear Radiation Hardened*
- *An available Battery Electronics Test System allows for shop-level battery testing, fault isolation, diagnostics, maintenance and repair*

### *Specifications*

Nominal Output Voltage:	25.2 V
Continuous Output Current (max):	66 A
Ampere-hour Capacity:	50 Ah
Energy Storage Capacity:	1260 Wh
Weight:	40.34 lbs
Volume:	610 cu in
Over-all Dimensions:	H: 7.19”, W: 11.75”, D: 7.18”
Operating Temperature Range:	-40°C to +65°
Cell-level Energy Density:	265 Wh / liter
Cell-level Specific Energy:	112.5 Wh / kg
Cell-level Cycle Life:	>2000 Cycles

**Lithion, Inc.**  
**82 Mechanic Street, Pawcatuck, CT 06379**  
**PH: 860-599-1100, FAX: 860-599-5122**  
**www.lithion.com**