

Rechargeable
Lithium-ion battery
for military
applications

SPARROWHAWK LITHIUM-ION BATTERY



THE DENCHI POWER SPARROWHAWK LITHIUM-ION BATTERY - KEEPS YOUR ARMY ON THE MOVE

The Denchi Power range of Unmanned Aerial Vehicle (UAV) batteries have been designed with the need for light weight and high power and incorporate the latest Lithium Ion technology. They benefit from Denchi Power's strong heritage of building batteries for use in the most extreme conditions. They incorporate high capacity cells which are managed by integrated control electronics, which give the best possible level of operation.

These batteries have been developed to provide outstanding airborne operations and can be fitted to both new and existing UAVs. The high energy density provides extended run times on operations, where light weight and continuous power are deemed essential. The batteries are designed to operate the electronic payload on any UAV, as well as take control of the air vehicle controls in an emergency, should the main engine fail.

These batteries are part of the long line of successful Denchi Power products that have delivered powerful energy solutions to soldiers operating in active theatres. Denchi Power continues to meet the evolving needs of all military forces.



DENCHI
POWER

SPARROWHAWK LITHIUM-ION BATTERY

Part number: 430945
 NSN: Pending

UAV (Unmanned Aerial Vehicle) battery utilizing state of the art Lithium-ion technology in a light but rugged enclosure to give outstanding performance

SPECIFICATIONS

Technical Data:

Technology	Lithium-ion
Nominal Voltage	25.9 V
Nominal Capacity	24.8 Ah
Specific Energy	circa 139 Wh/Kg
Operating Temperature	-40°C to +63 °C
Length	298 mm
Width	88 mm
Height	100 mm
Weight	<4 Kg
Max. Charge Current	20A
Max. Discharge Current	20A
Application	UAV

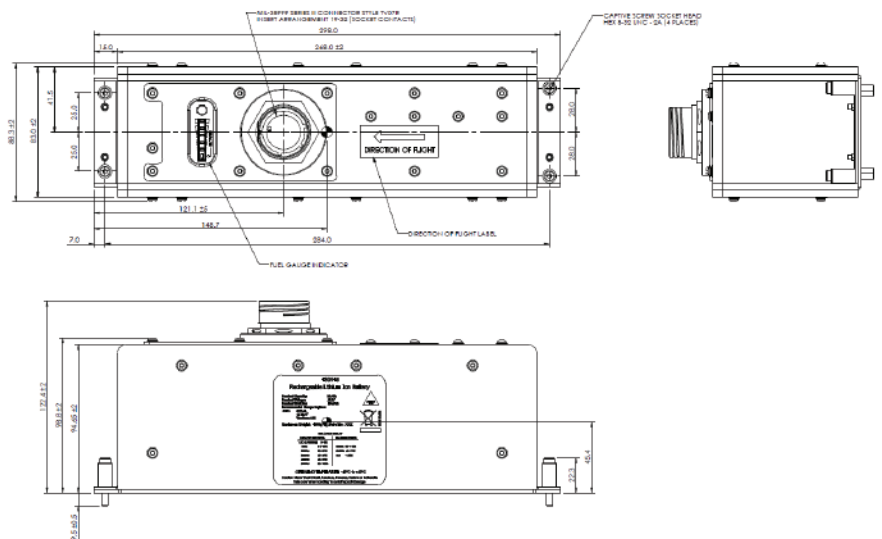
Features & Benefits:

- Internal heater for optimum cold start performance
- Wide temperature range
- High capacity
- Includes battery health monitoring
- Rugged and lightweight connector
- Quick detachable fixings
- Rapid charging capability

Safety Features

- Over-charge protection
- Over & under voltage
- Over temperature
- Active cell balancing
- LED state of charge indicator

Dimensions:



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