

Rechargeable
Lithium-ion battery
for military
applications

SMALL MILITARY VEHICLE AUXILIARY BATTERY

THE DENCHI POWER SMALL MILITARY
VEHICLE AUXILIARY BATTERY
- KEEPS YOUR ARMY
ON THE MOVE

The Denchi Power Small Military Vehicle Auxiliary Battery is designed for energy storage/backup power and incorporates the latest in Lithium-ion technology. It benefits from Denchi Power's strong heritage of building batteries for use in the most extreme conditions. It incorporates high capacity cells which are managed by integrated control electronics which give the best possible level of operation

This battery has been developed to provide outstanding silent watch capability for both existing and new vehicles. The high energy density provides extended run times for operations which conventional lead acid batteries cannot achieve.

This battery is one of the latest in a long line of successful Denchi Power products that have delivered powerful energy solutions to soldiers operating in active theatres. Denchi Power continues to develop the latest battery and charger technologies, to meet the evolving needs of military forces.



DENCHI
POWER

SMALL MILITARY VEHICLE AUXILIARY BATTERY

Part number: 430270
 NSN: Pending

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SPECIFICATIONS

Technical Data:

Technology	Lithium-ion
Nominal Voltage	25.9 V Nominal (18-29.4V)
Nominal Capacity	48 Ah
Operating Temperature	-20 °C to +70 °C
Storage Temperature	-30 °C to +70 °C
Max. Continuous Discharge Current	40A
Max. Peak Discharge Current	80A for 500 ms
Length	251.0 mm
Width	232.5 mm
Height	82.5 mm
Weight	8.6 Kg
Application	Vehicle generator back-up power supply

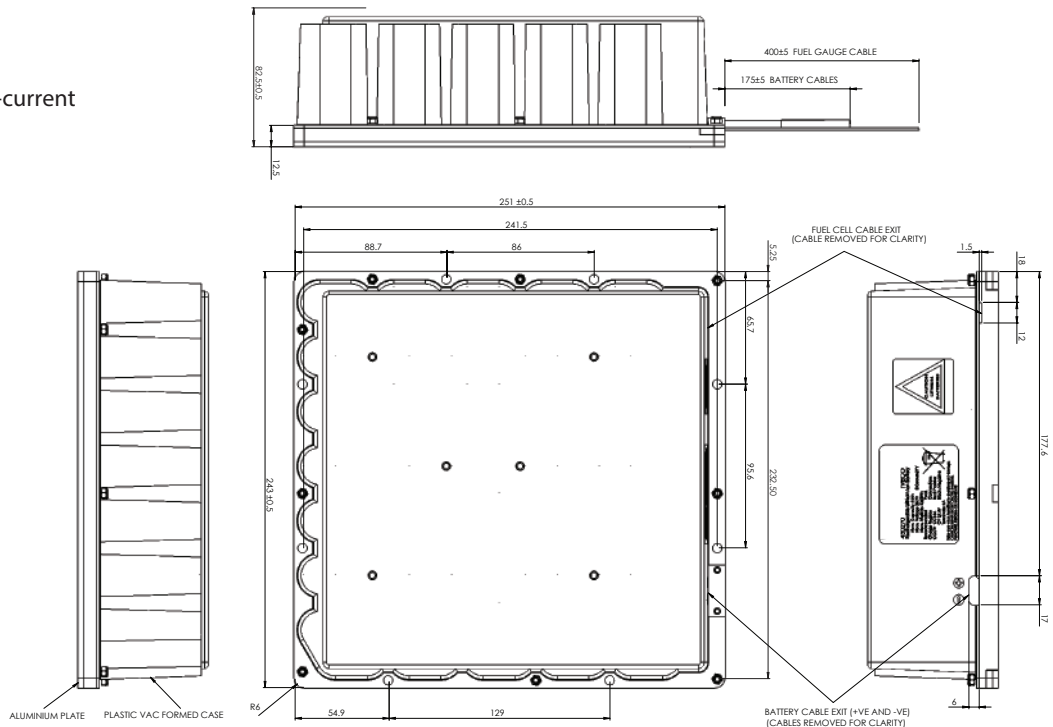
Features & Benefits:

- High specific energy—145Wh/Kg
- Light weight, moulded case
- Electrical interface/fuel gauge via flying leads
- Incorporates Li-ion cells 18650
- Excellent low temperature operation
- Designed for military environments
- Plastic moulded case
- Access to fuel gauge via flying lead

Safety Features:

- Over & under voltage
- Charge & discharge over-current
- Cell mismatch
- Cell balancing
- Short circuit
- Over temperature
- SMBus (optional)

Dimensions:



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