

Rechargeable
Lithium-ion battery
for military
applications

CONFORMABLE LITHIUM-ION BATTERY (CLB)

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

The Conformable Lithium-ion Battery (CLB) is the latest in a long line of innovative batteries from Denchi Power. The evolutionary design replaces the normal rigid case, which can be awkward for the soldier to carry and replaces it with a flexible canvas pouch to hold the cells. The battery is designed for comfort of carrying and uses its universal clips to be mounted anywhere on the soldier's body.

The CLB is designed to pass all of the rigorous environmental and EMC tests expected of any military battery and is approved for operational use. With its range of output cables it can be used to power any electronic equipment carried by the user. As it uses the same Lithium-ion cells as more conventional batteries, the CLB will give the same long run time as other Denchi Power batteries.

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

CONFORMABLE LITHIUM-ION BATTERY

Part number: 430957

NSN: Pending

A novel 'wearable battery' utilising top of the range Lithium-ion cells, giving increased comfort and enhanced load carriage distribution for the wearer. SMBus compliant.

SPECIFICATIONS

Technical Data:

Technology	Lithium-ion
Nominal Voltage	14.4 V
Nominal Capacity	9.3 Ah
Specific Energy	circa 150 Wh/Kg
Operating Temperature	-20 °C to +60 °C
Length	233 mm
Width	197 mm
Height	32 mm
Weight	<900 g
Max. Charge Current	6A
Max. Discharge Current	10A
Application	Dismounted soldier

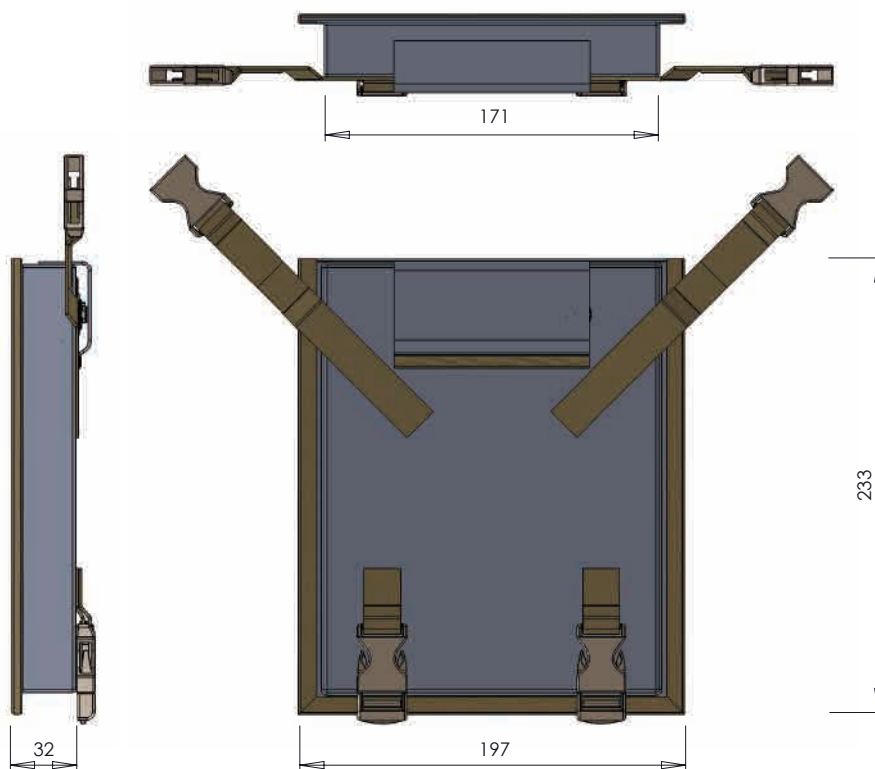
Features & Benefits:

- Flexible conformable construction
- Fitted to existing load carriage equipment
- Increased capacity
- Ease of carriage, fits easily into Bergen side pockets
- Includes battery health monitoring
- Enhanced load distribution on man
- Smart battery (SMBus communications)

Safety Features

- Over-charge protection
- Over & under voltage
- Over temperature
- Active cell balancing

Dimensions:



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