

Rechargeable
Lithium-ion battery
for military
applications

BB-2590 LITHIUM-ION BATTERY PACK 9.3Ah SMBUS

THE DENCHI POWER BB-2590
LITHIUM-ION BATTERY PACK
- KEEPS YOUR ARMY
ON THE MOVE

The 'smart' Denchi Power BB-2590 is a Level 3 Smart battery, incorporating the latest in Lithium-ion cell technology. It provides high capacity and benefits from Denchi Power's strong heritage of developing and delivering batteries for use in the most extreme conditions for both military and aerospace applications.

The Denchi Power BB-2590 is a world class battery specifically designed and manufactured for demanding military use. As a 'smart' battery it incorporates an SMBus interface which gives it the capability to communicate with the host equipment, as well as control how it is charged from any Level 3 Smart Charger. This reduces the risk of incorrect usage, increases its flexibility on the battlefield so prolonging its life and overall lifecycle costs.

This battery is one of the latest in a long line of successful EnerSys ABSL 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

BB-2590 LITHIUM-ION BATTERY PACK

9.3Ah SMBus

Part number: 430852
NSN: 6130-99-342-1238

This new and enhanced Pack from EnerSys ABSL's military product range provides a high performance solution allowing integration into existing platforms.

Capability to monitor SMBus Communications using external cable.

SPECIFICATIONS

Technical Data:

Technology	Lithium-ion
Voltage Range	20-32.8V (24V mode) 10-16.4V (12V mode)
Capacity	9.3 Ah (28.8V Nominal) 18.6 Ah (14.4V Nominal)
Charging	16.8 V @ 3A Maximum
Max Discharge Current	10 ± 0.5A (24V mode) / 20 ± 1A (12V mode) continuous
Length	111.5 mm
Width	62.0 mm
Height	126.7 mm
Weight	1.35 Kg
Operating Temperature	-30 °C to +70 °C
Storage Temperature Range	-40 °C to +70 °C
Application	Dismounted soldier

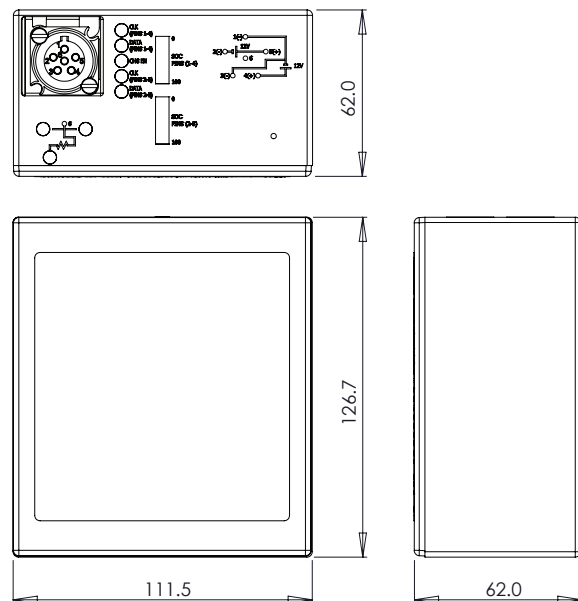
Safety Features:

- Cell overvoltage
- Cell undervoltage
- Over-charge current
- Over-discharge current
- Over-temperature
- Cell mismatch
- Cell balancing

Features & Benefits:

- Extended battery life
- Improved internal power management
- LCD state of charge indicator
- Improved cycle life
- Increased capacity
- Extended temperature range
- Rapid charging capability
- High-rate discharge
- Lightweight
- Waterproof
- RoHS compliant
- Connector SC-C-179495 comp
- High specific energy (200 Wh/Kg)

Dimensions:



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