

Denchi Power Batteries

BB-2590 Smart Battery

Productsheet
Denchi Power BB-2590 Smart Battery
Part Number: 430852
NSN: 6130-99-342-1238
V1.0, 20-05-2016

Contact

In case of any questions,
call us on +31 (0)416-387700 or
sent an email to:
sales@simacelectronics.nl.

We like to help you!



The BB-2590 Battery Pack - keeps you 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.

Features

- Extended battery life
- Improved internal power manager
- 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 compliant
- High specific energy (200 Wh/Kg)

Denchi Power
Rechargeable Lithium-ion
battery for military applications



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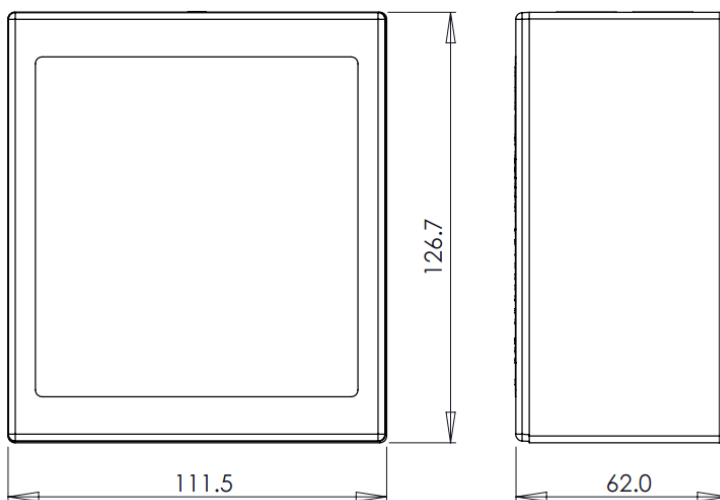
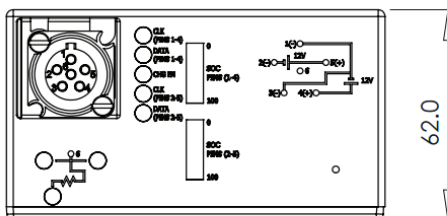
Specifications

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	16.8V@3A Maximum
Max Continuous Discharge Current	10±0.5A (24V mode) 20±1A (12V mode)
Length	111.5mm
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 - Dimensions

- Cell over-voltage
- Cell under-voltage
- Over-charge current
- Over-discharge current
- Over-temperature
- Cell mismatch
- Cell balancing



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

More information

Check www.simacelectronics.nl or call us on +31 (0) 416 387 711. We like to help you!

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Eindstraat 53, 5151AE Drunen • Postbus 89, 515AB Drunen • T: +31 (0)416 387 700 • F: +30 (0)416 387 707 • E: sales@simacelectronics.nl