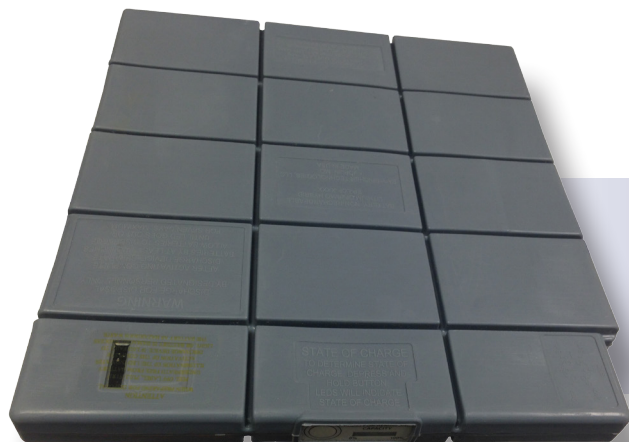


Conformal Wearable Battery

Primary Lithium Battery

Highly reliable, lightweight battery with Li/CF_x-MnO₂ Hybrid chemistry, delivering more than 2x the energy density of SO₂



Features & Benefits

- + High energy storage in ergonomic format
- + Thin with a flexible form factor
 - + Matches the contour of the Soldier's body
 - + Improved mobility and agility
- + State of charge indicator (5 levels)
- + SMBus interface capability
- + Complete Discharge Device (CDD)
- + Built around EaglePicher's LCF-134 soft-case cells
- + Safety features
 - + Non-resettable and resettable thermal devices
 - + Current fuses
- + Robust and Durable
 - + Passed live fire bullet penetration test
 - + 3 bullets
 - + Passed impact test
 - + Passed immersion test
 - + Passed transit drop test
- + Domestically produced cells under USGC Title III

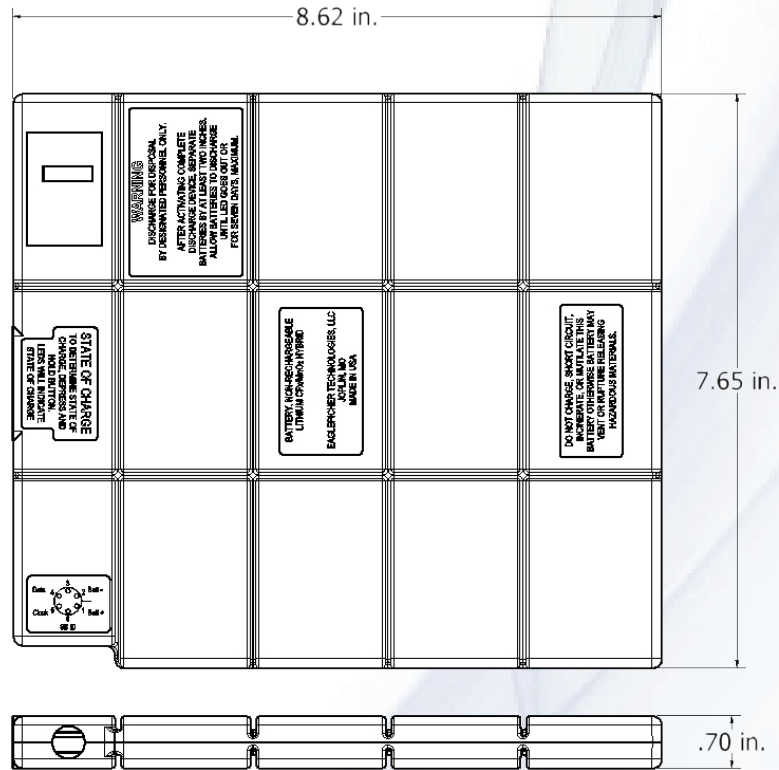
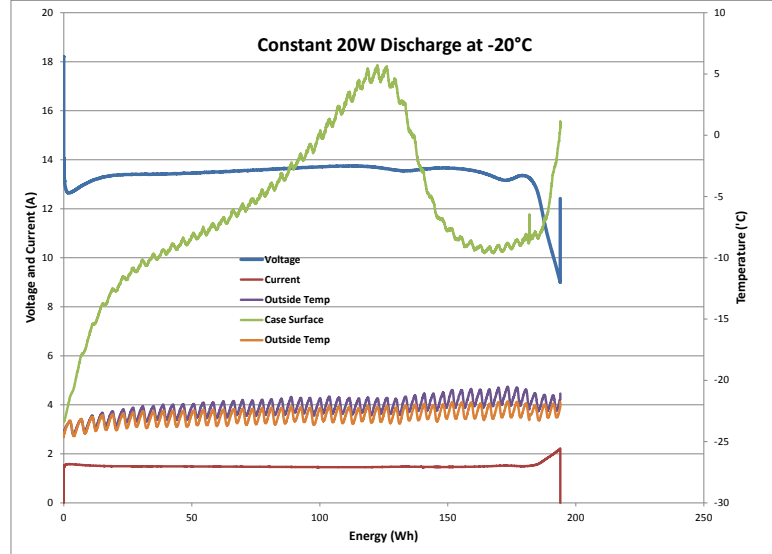
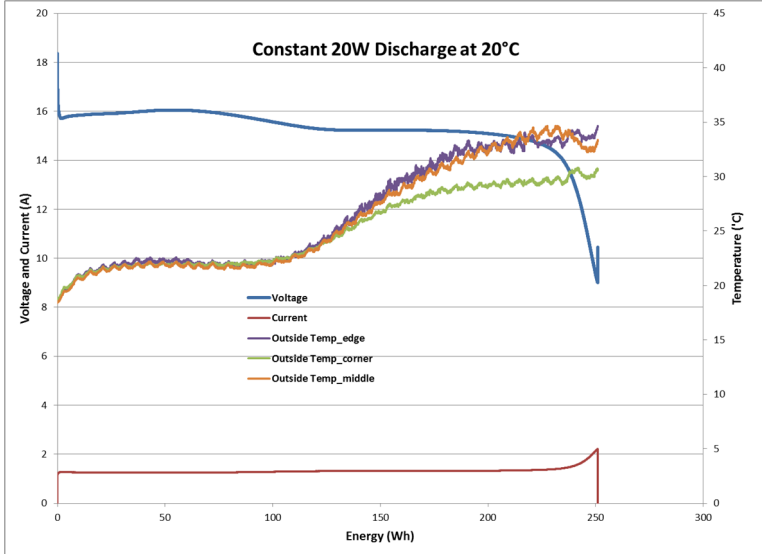
Applications

- + Soldier power: Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4SIR)

Specifications

Part Number	MAP-9553
Nominal Voltage	15 Volts
Voltage Range	9.6–18.3 Volts
Capacity	16 Ah (20 W at 25°C)
Energy	250 Wh (20 W at 25°C)
Energy Density	266 Wh/kg (20 W at 25°C)
Max Continuous Current	5.0 Amps
Width	194.6 mm (7.65" +/- 0.05")
Thickness	17.8 mm (0.700" Max)
Length	221.0 mm (8.67" +/- 0.05)
Weight	940 grams
Operating Temperature	-20°C to +60°C
Transportation	Class 9 UN 3090

MAP-9553



EaglePicher™
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A VECTRA Company



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