

15.5 Ah Lithium-Ion Space Battery



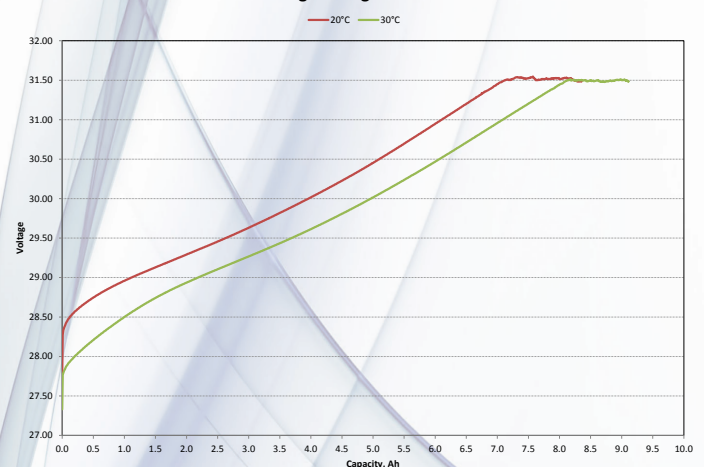
Lithium-Ion Rechargeable

*Low cost space qualified battery
utilizing high-quality
commercial 18650 cell technology*

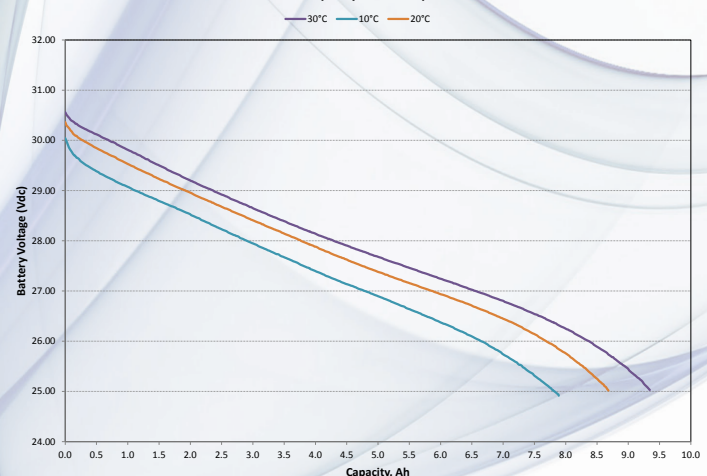
Specifications

Part Number	SAR 10215
Weight, Nominal	8.7lb/3.95Kg
Nominal Voltage	28.8V
Operating Voltage	32.0V-33.6V
Beginning of Life Capacity/Energy	15.5Ah/446.4Wh
Maximum Dimensions	See Detail on Back
Specific Energy	113.1 Wh/kg
Operating Temperature Charge	0°C to 45°C
Operating Temperature Discharge	-20°C to 60°C
Survival Temperature (non-op)	-20°C to +50°C
Charge Current (Max)	7.2 A
Maximum Continuous Discharge	15 A
Maximum Discharge Pulse	30 A
Random Vibe Levels	24.9 GRMS
Sine Vibe Levels	19.8G
Shock Level	2800G

Charge Voltage Profiles

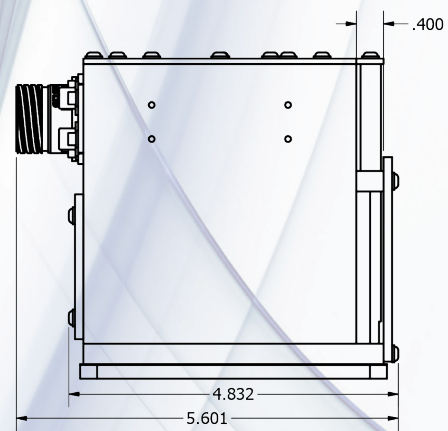
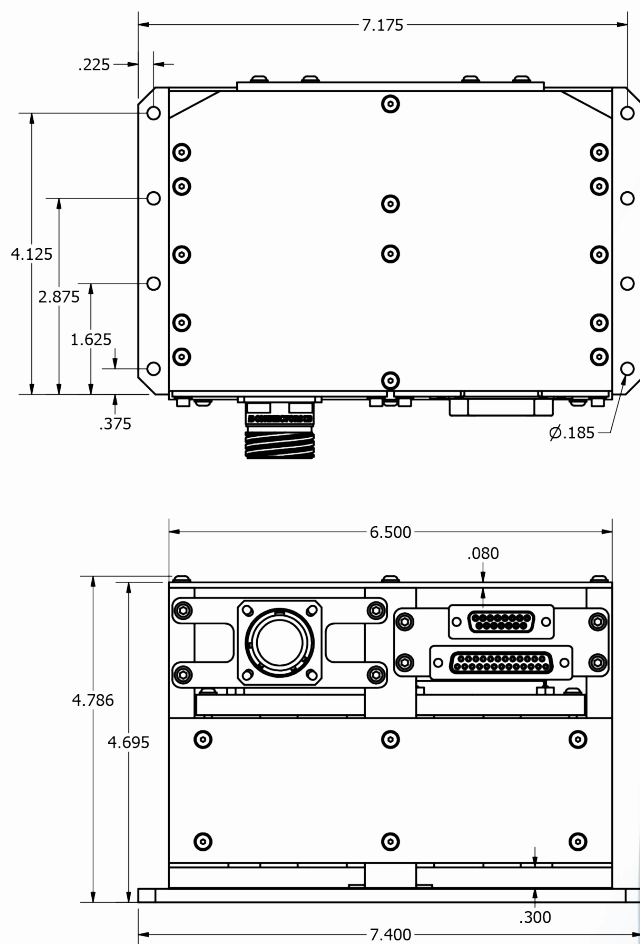


Standard Capacity Tests Comparison



The 14.5 Ah rated capacity is based upon a cell module End-of-Charge Voltage (EOCV) of 4.2V and an End-of-Discharge Voltage (EODV) of 2.50V. The data in the charts is based on an EOCV of 3.94V and an EODV of 3.125V.

SAR-10215



EaglePicher™
Technologies, LLC
A VECTRA Company



EaglePicher Technologies, LLC

PO Box 47, Joplin, Missouri 64802-0047, USA

tel 417.623.8000 | fax 417.623.0850

www.eaglepicher.com

This material is released to the public domain in accordance with ITAR 22 CFR 120.11.