High Power Lithium Ion ANR26650711

A123Systems lithium-ion rechargeable ANR26650M1 cell is capable of very high power, long cycle and storage life, and is inherently safe due to its use of patented nanophosphate technology.

Nominal capacity and voltage Internal impedance (IkHz AC) Internal resistance (IOA, Is DC) Recommended standard charge method Recommended fast charge current Max continuous discharge Pulse discharge at 10 sec Cycle life at 10C discharge, 100%DOD

Recommended charge and cut-off V at 25°C Recommended charge and cut-off V below 0°C

Core cell weight

Operating temperature range Storage temperature range

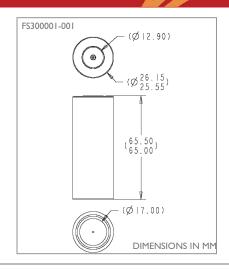
2.3 Ah, 3.3 V 8 m Ω typical 10 mΩ typical

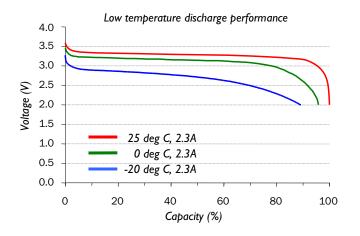
3A to 3.6V CCCV, 45 min 10A to 3.6V CCCV, 15 min

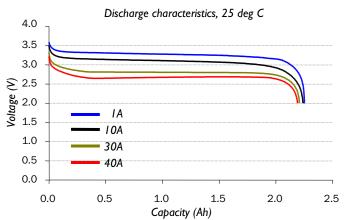
70A 120A

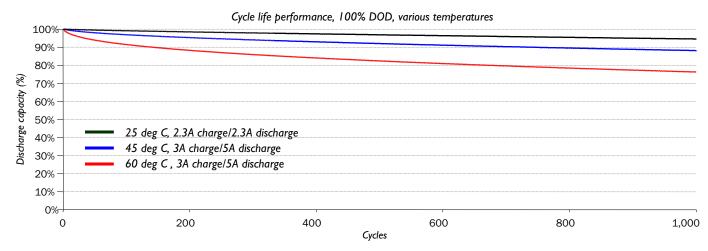
Over 1,000 cycles 3.6V to 2V 4.2V to 0.5V

-30°C to +60°C -50°C to +60°C 70 grams









A123Systems Inc. 1 Kingsbury Ave, Watertown, MA 02472 www.a123svstems.com (617) 778-5700

