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 ℃

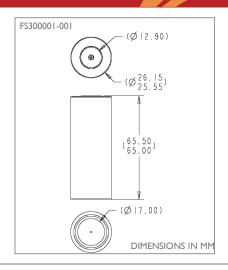
Recommended charge and cut-off V below 0° C

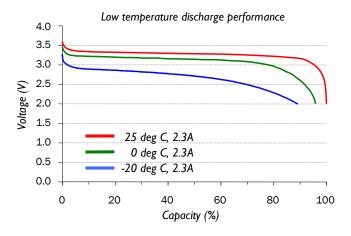
Operating temperature range Storage temperature range

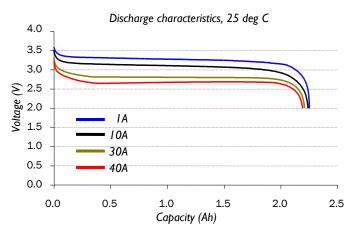
Core cell weight

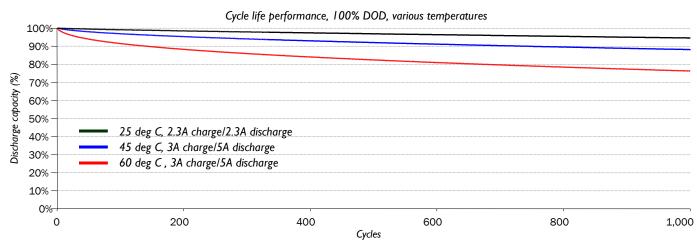
2.3 Ah, 3.3 V
8 m typical
10 m typical
3A to 3.6V CCCV, 45 min
10A to 3.6V CCCV, 15 min
70A
120A
Over 1,000 cycles
3.6V to 2V

4.2V to 0.5V -30°C to +60°C -50°C to +60°C 70 grams











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