## High Power Lithium Ion ANR266507/17

A123Systems lithium-ion rechargeable ANR26650711 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 voltage2.3 Ah, 3.3 VInternal impedance (1kHz AC) $8 m\Omega$  typicalInternal resistance (10A, 1s DC) $10 m\Omega$  typicalRecommended standard charge method3A to 3.6V CRecommended fast charge current10A to 3.6V CMaximum continuous discharge70APulse discharge at 10 sec120ACycle life at 10C discharge, 100% DODOver 1,000 cRecommended charge and cut-off V at  $25^{\circ}$ C3.6V to 2VRecommended charge and cut-off V below  $0^{\circ}$ C3.8V to 0.5VOperating temperature range $-30^{\circ}$ C to +60Storage temperature range $-50^{\circ}$ C to +60Core cell weight70 grams

2.3 Ah, 3.3 V 8  $m\Omega$  typical 10  $m\Omega$  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 3.8V to 0.5V -30°C to +60°C -50°C to +60°C 70 grams







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