## High Power Lithium Ion APR186507117 A

A123Systems' lithium ion rechargeable APR18650**™**? A cell is capable of very high power, long cycle and storage life, and has superior abuse tolerance due to the use of patented Nanophosphate™ technology.

Nominal capacity and voltage

Recommended standard charge method

Recommended fast charge current

Maximum continuous discharge

Cycle life at 5C discharge, 100% DOD

Recommended charge and cut-off V at 25°C

Operating temperature range

Storage temperature range

Core cell weight

1.1Ah, 3.3 V

1.5A to 3.6V CCCV, 45 min

4A to 3.6V CCCV, 15 min

30A

Over 1,000 cycles

3.6V to 2V

 $-30^{\circ}$ C to  $+60^{\circ}$ C

 $-50^{\circ}$ C to  $+60^{\circ}$ C

39 grams









