

High Power Lithium Ion ANR266507m1

A123Systems lithium-ion rechargeable ANR266507m1 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	2.3 Ah, 3.3 V
Internal impedance (1kHz AC)	8 mΩ typical
Internal resistance (10A, 1s DC)	10 mΩ typical
Recommended standard charge method	3A to 3.6V CCCV, 45 min
Recommended fast charge current	10A to 3.6V CCCV, 15 min
Maximum continuous discharge	70A
Pulse discharge at 10 sec	120A
Cycle life at 10C discharge, 100% DOD	Over 1,000 cycles
Recommended charge and cut-off V at 25°C	3.6V to 2V
Recommended charge and cut-off V below 0°C	3.8V to 0.5V
Operating temperature range	-30°C to +60°C
Storage temperature range	-50°C to +60°C
Core cell weight	70 grams

