High Power Lithium Ion ANR26650M1A

A123Systems’ lithium ion rechargeable ANR26650M1A cell is capable of very high power, long cycle and calendar life, and has excellent abuse tolerance 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 pulse charge/discharge cutoff: 3.8V to 1.6V
- Operating temperature range: -30°C to +60°C
- Storage temperature range: -50°C to +60°C
- Core cell weight: 70 grams

* Preliminary specifications, performance may vary depending on use conditions and application.
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