

3.2V

3800mAh

LiFePO₄

12.16Wh

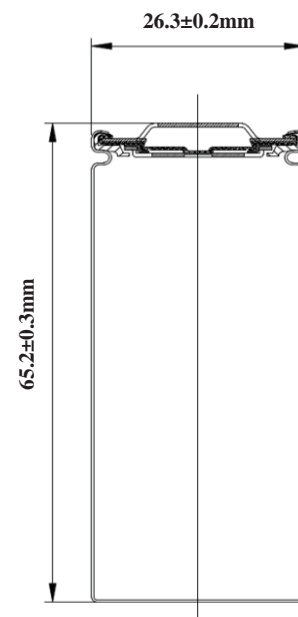
SPECIFICATIONS

Nominal Voltage	3.2V
Nominal Capacity*	3700mAh
Typical Capacity*	3800mAh
Watt-hour	12.16Wh
Chemistry	Lithium Iron Phosphate (LiFePO ₄)
Dimensions	
Height	65.3 ± 0.3 mm
Diameter	26.3 ± 0.2 mm
Weight	89g
Internal Resistance (at 1KHz)	≤20mΩ
Charge @25°C	
Standard Charge Current	1900mA (0.5C)
Maximum Charge Current	3800mA (1C)
Cut-off Voltage	3.65V
Discharge @25°C	
Standard Discharge Current	1900mA (0.5C)
Max. Continuous Discharge	5000mA (1.3C)
Max. Long Pulse Discharge	11400mA (≤ 60 Sec)
Max. Short Pulse Discharge	19000mA (≤ 3 Sec)
Cut-off Voltage	2.0V
Operating Temp	
Charge	0°C - +45°C
Discharge	-20°C - +60°C
Storage	-20°C - +60°C
Cycle Life - @ 25°C	
100% DOD	1000 cycles
80% DOD	2000 cycles
50% DOD	3000 cycles
Self Discharge @ 25°C 50% SOC	≤3.5% / Month
Certification	UN38.3, IEC62133:2017

* 0.5C discharge to 2.0V per cell



DIAGRAM



Cell 2D Drawing