

3.2V

2500mAh

LiFePO₄

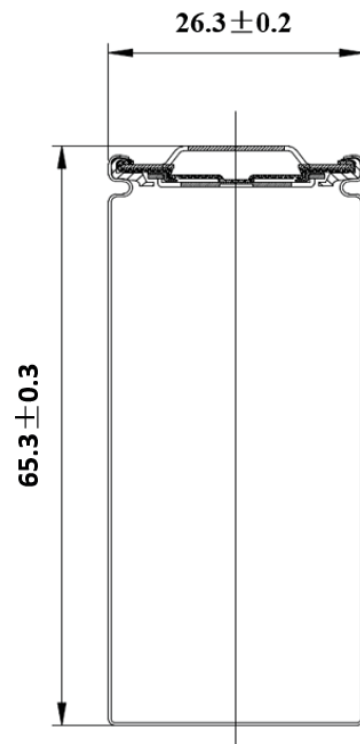
8Wh

SPECIFICATIONS

Nominal Voltage	3.2V
Nominal Capacity	2500mAh
Typical Capacity	2500mAh
Watt-hour	8Wh
Chemistry	Lithium Iron Phosphate (LiFePO ₄)
Dimensions	
Height	65.3 ± 0.3 mm
Diameter	26.3 ± 0.2 mm
Weight	86g
Internal Resistance (at 1KHz)	≤6mΩ
Charge @25°C	
Standard Charge Current	2500mA
Charge Protective Voltage	4.0V max.
Discharge @25°C	
Standard Discharge Current	2500mA
Max. Continuous Discharge	50,000mA
Max. Long Pulse Discharge	75,000mA (≤ 60 Sec)
Max. Short Pulse Discharge	125,000mA (≤ 3 Sec)
Cut-off Voltage	2.0V min.
Operating Temp	
Charge	0°C - +45°C
Discharge	-20°C - +60°C
Storage	-20°C - +45°C
Cycle Life - 1C ± 25°C	2000 cycles
Cycle Life - 5C ± 25°C	2000 cycles
Self Discharge @ 25°C 50% SOC	≤3.5% / Month
Certification	UN38.3, IEC62133-2: 2017, UL1642



DIAGRAM



Cell 2D Drawing