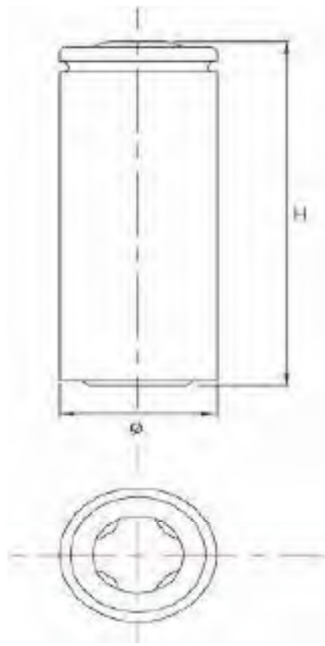


Lithium Iron Phosphate (LiFePO₄) Battery



Physical Dimensions

Φ	Diameter (mm)	18.2 ± 0.1
H	Height	65.5 ± 0.2

Specifications

Electrical Characteristics	Nominal Voltage	3.2V
	Nominal Capacity	1500mAh 0.2°C discharge, room temperature
	Internal Resistance	≤ 60mΩ (1kHz AC / fully charged)
	Cycle Life	≥ 2000 cycles @ 0.5°C discharge, room temperature
Charge	Charge Voltage	3.60 ± 0.5V
	Charge Current	300mA
	Max. Charge Current	1500mA
Discharge	Max. Continuous Current	1500mA (Burst 3000mA < 3 sec)
	Discharge Cut-off Voltage	2.0V (2.5V Recommended)
Environmental	Charge Temperature	0°C to 45°C (32°F to 113°F)
	Discharge Temperature	-20°C to 60°C (-4°F to 140°F)
	Storage Temperature	1 year: -10 ~ 25°C 6 months: 25 ~ 45°C 1 month: 45 ~ 50°C (Recommended 25 ± 5°C @ 50% SOC)
Mechanical	Diameter	18.2 ± 0.1mm
	Height	65.5 ± 0.2mm
	Weight	Approx. 45g

*Note on Air transport: Lithium ion cells and batteries must be offered for transport at a state of charge (SoC) not exceeding 30% of their rated design capacity