

Lithium Iron Phosphate (LiFePO₄) Battery



Physical Dimensions

Φ	Diameter (mm)	26.2 ± 0.3
H	Height	65.3 ± 0.2

Specifications

Electrical Characteristics	Nominal Voltage	3.2V
	Nominal Capacity	3300mAh @0.2°C discharge, room temperature
	Internal Resistance	< 20mΩ (1kHz AC/fully charged)
	Cycle Life	≥ 3000 cycles @ 0.5C charge / discharge, room temperature
Charge	End of Charge Voltage	3.60V
	Max. Continuous Charge	660mA (0~10°C), 1650mA (10~20°C), 4950mA (20~45°C)
	Max. Charge Current	3300mA
Discharge	Max. Continuous Current	9900mA (Burst 12000mA < 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	6 months: -10°C ~ 25°C 3 month: -20°C ~45°C (Recommended 25 ± 5°C @ 50% SOC)
Mechanical	Diameter	26.2 ± 0.3mm
	Height	65.3 ± 0.2mm
	Weight	Approx. 87g

*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