

V2.5 Cell Datasheet

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Most Cost Effective
LiFePO₄
Solutions...

Dimensions

Length	125mm
Width	102mm
Thickness	6.1mm
Tab Width	20mm

Weight: 150g

Specifications

Nominal Capacity	5000mAh
Charging Voltage	3.65~3.95V
Typical Voltage	3.2~3.3V
Cut-off Discharge Voltage	2.1V
Charging Method	CC/CV
Maximum Continuous Discharge Current	10A (2C)
Maximum (Peak) Discharge Current	20A (4C)
Maximum Charge Current	5A (1C)
Cycle Life (70% original capacity)	3,000 (100% DOD)
Cycle Life (85% original capacity)	1,500 (100% DOD)
Charge Temperature Range	0~45°C
Discharge Temperature Range	-20~60°C
Short Period Storage Temperature	-10~45°C (1 month)
Long Period Storage Temperature	0~30°C (1 month)
Initial Internal Impedance	<10mOhm

