





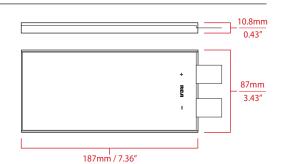
Solid state electrolyte dramatically reduces thermal runaway caused by abuse.

☑ Super Fast Charging (0.5C)

M High Power Density

Nominal Capacity	31Ah (0.5C)
Nominal Voltage	3.7V
Charging Voltage	4.2V
Voltage Termination	2.5V
Charging Specifications	
Super Fast Charging	4C (124A), 95%
Fast Charging	2C (62A) constant current (CC) charges to 4.2v, then constant voltage (CV) charging until the charging current is less than 0.02C (0.6A)
Standard Charging	1C (31A) constant current (CC) charges to 4.2v, then constant voltage (CV) charging until the charging current is less than 0.02C (0.6A)
Discharging Specifications	
Pulse Discharging	10C (durations < 10S)
	70
Continous High Rate Discharging (Max)	7C
Standard Discharging	1C-3C
Standard Discharging	1C-3C
Standard Discharging	1C-3C 1C/1C 2400 times 100% DOD with 80%SoH
Standard Discharging	1C-3C 1C/1C 2400 times 100% DOD with 80%SoH 1C/3C 1600 times 100% DOD with 80%SoH
Standard Discharging Cycle Life	1C-3C 1C/1C 2400 times 100% DOD with 80%SoH 1C/3C 1600 times 100% DOD with 80%SoH
Standard Discharging Cycle Life Operating Temperatures	1C-3C 1C/1C 2400 times 100% DOD with 80%SoH 1C/3C 1600 times 100% DOD with 80%SoH 2C/5C 1000 times 100% DOD with 80%SoH
Standard Discharging Cycle Life Operating Temperatures Charging Temperature	1C-3C 1C/1C 2400 times 100% DOD with 80%SoH 1C/3C 1600 times 100% DOD with 80%SoH 2C/5C 1000 times 100% DOD with 80%SoH 0°C to 60°C / 32°F to 140°F (1C Charging)
Standard Discharging Cycle Life Operating Temperatures Charging Temperature Discharging Temperature	1C-3C 1C/1C 2400 times 100% DOD with 80%SoH 1C/3C 1600 times 100% DOD with 80%SoH 2C/5C 1000 times 100% DOD with 80%SoH 0°C to 60°C / 32°F to 140°F (1C Charging) -30°C to 60°C / -22°F to 140°F
Operating Temperatures Charging Temperature Discharging Temperature Internal Resistance	1C-3C 1C/1C 2400 times 100% DOD with 80%SoH 1C/3C 1600 times 100% DOD with 80%SoH 2C/5C 1000 times 100% DOD with 80%SoH 0°C to 60°C / 32°F to 140°F (1C Charging) -30°C to 60°C / -22°F to 140°F 1.3+/-0.5mΩ

Dimensions



10.8 x 87 x 187mm / 0.43 x 3.43 x 7.36 in

Select More Power Cells by Key Characteristics:

• AX-01 Power Cell

Solid state electrolyte.

- Fast Charging (2C)
- High Energy Density

• AX-02.5 Power Cell

Solid state electrolyte within a smaller body.

- Super Fast Charging (4C)
- High Power Density

• AX-03 Power Cell

Solid state dramatically reduces thermal runaway caused by physical abuse.

- High Capacity
- High Energy and High Power Density

LiFePo Power Cell

Lithium Ion power cell within a smaller body.

- Super Fast Charging (4C)

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