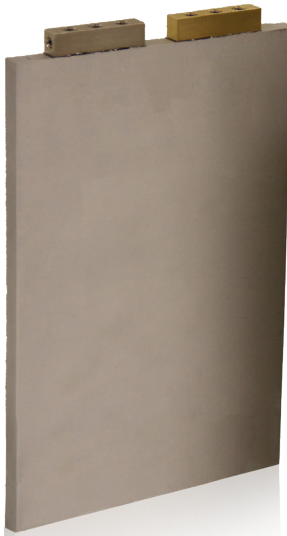




## 17 Ah Ultra-High Rate Lithium-Ion Cell



Rechargeable Lithium-Ion Cell

### Features and Benefits

- Thin, prismatic cell
- Effective heat management
- Unique high power cell terminal
- Enhanced safety features
- Extreme rate performance
- Efficient packing

### Applications

- Directed energy weapons
- Engine Start
- Propulsion

## Ultra-high power, long-cycle life lithium-ion cell for demanding applications

Specifications		
Part Number	LiBG18EV-1	
Nominal Cell Weight	810 g (1.8 lbs)	
Dimensions	See details on back	
Nominal Voltage	4.1 V	
Voltage Range	2.5 to 4.1 V	
Nominal Capacity	17 Ah at C/5 at 20°C (68°F)	
Nominal Cell Impedance	375μΩ at 20°C (68°F)	
Cycle Life to 80% Capacity*	>2000 at 100% DOD	
Energy Density	210 Wh/L	
Specific Energy	80 Wh/kg	
Standard Charging Method	Constant Current	27.5 A (1.5C) to 4.1 V
	Constant Voltage	4.1 V to 1.1 A (C/75)
Discharge Rates	Maximum Continuous Current	2000 A
	Maximum Pulse Current (<1 sec)	>2000 A
Specific Power	Continuous	>8 kW/kg
	Pulse	>10 kW/kg
Operating Temperature	-20 to 60°C (-4 to 140°F)	
Storage Temperature	-40°C to 60°C (-40 to 104°F)	

\*Measured at 0.5C discharge current at 20°C (68°F)

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