



Sonata® 4400 Rechargeable Lithium-ion Cell

Boston-Power's Sonata 4400 is a high performance lithium-ion rechargeable cell. Its exceptional energy density, industry-leading cycle life, and fast charge capability make the Sonata 4400 an ideal solution for notebook and portable power applications.

Specifications



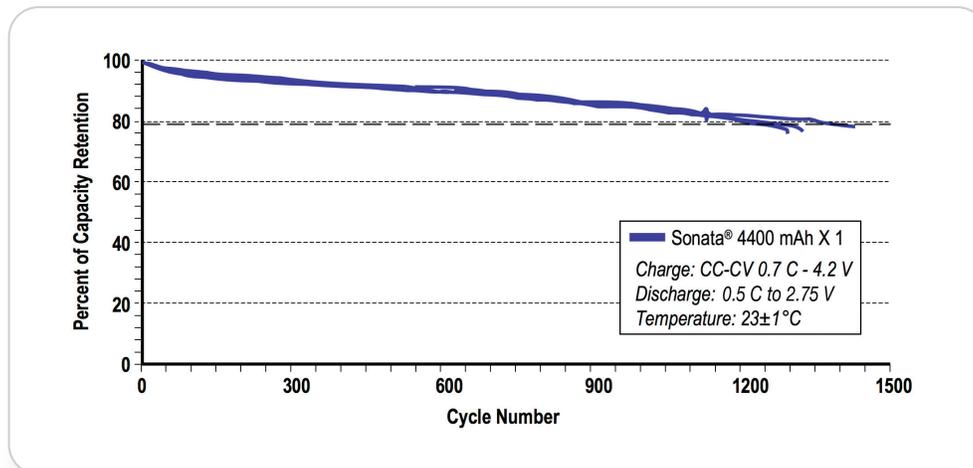
Nominal capacity	4400 mAh	
Nominal voltage	3.7 V	
Nominal cell impedance (1 kHz, AC)	25 mΩ	
Cycle life to 80% capacity (0.5C discharge current, 23°C)	>800 cycles	
Standard charging method	Constant current (CC)	3.1 A (0.7C) to 4.2 V
	Constant voltage (CV)	4.2 V to 50 mA
Recommended fast charge	6.6A (1.5C) to 4.2V	
Cell weight	92 g (typical)	
Operating temperature*	Charge	-10 to 60°C
	Discharge	-40 to 70°C
Storage temperature*	-40 to 60°C	

Certifications

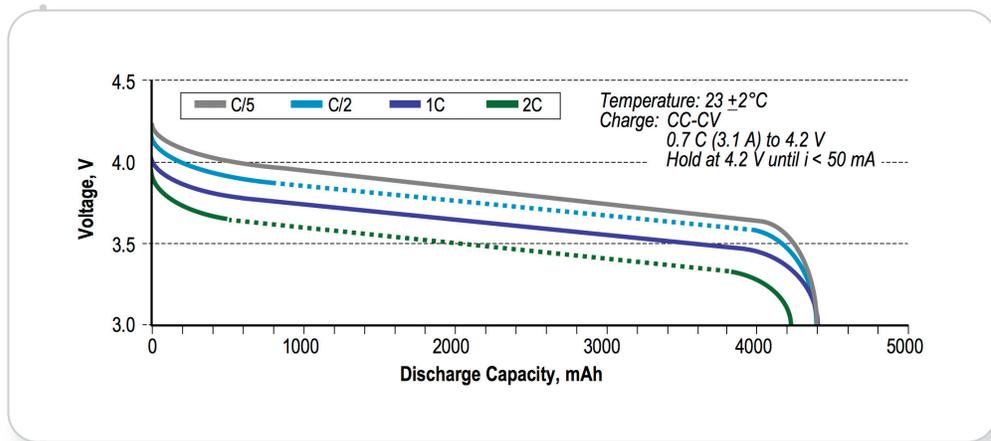
UL 1642, UN 38.3, IEC 62133, ROHS 2002/95/EC directive, Nordic Ecolabel license 330 011, China Environmental United Certification Center CEC-EL(II)-080-2008, CTIA mobile devices

*Contact Boston-Power for specifics on operation and storage at temperature extremes.

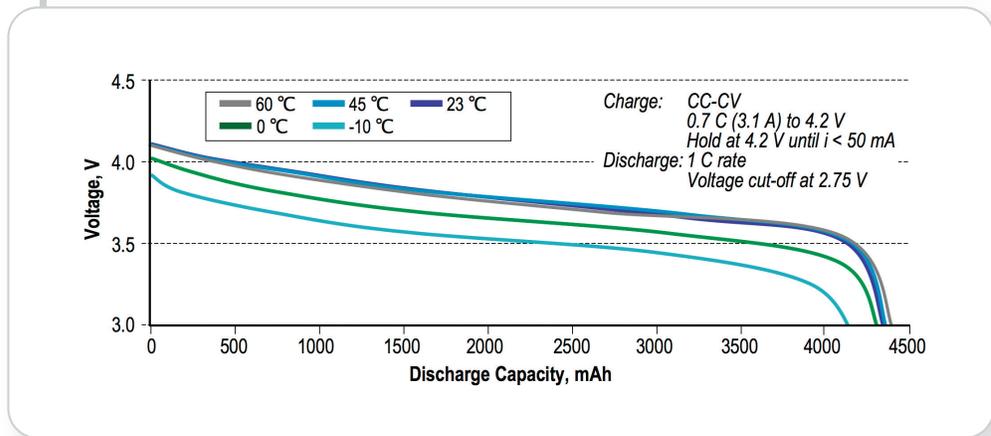
Cycle life



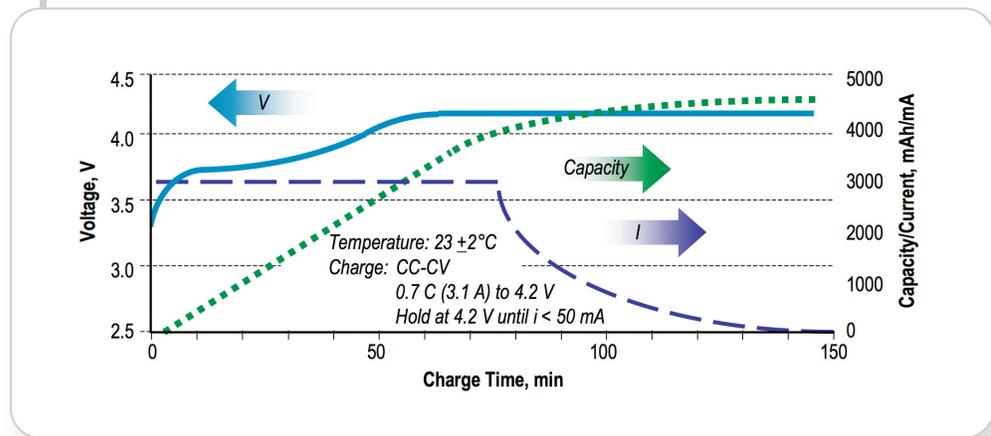
Discharge capacity



Temperature discharge curve (1C)



Charge curve (0.7C)



BPI.DS.SNT4400_0610

BOSTON-POWER DATA SHEET: SONATA 4400

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Performance may vary depending on, but not limited to cell usage and application. If cells are used outside of specifications, performance may diminish. All specifications are subject to change without notice. All information provided herein is believed, but not guaranteed, to be current and accurate.

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