

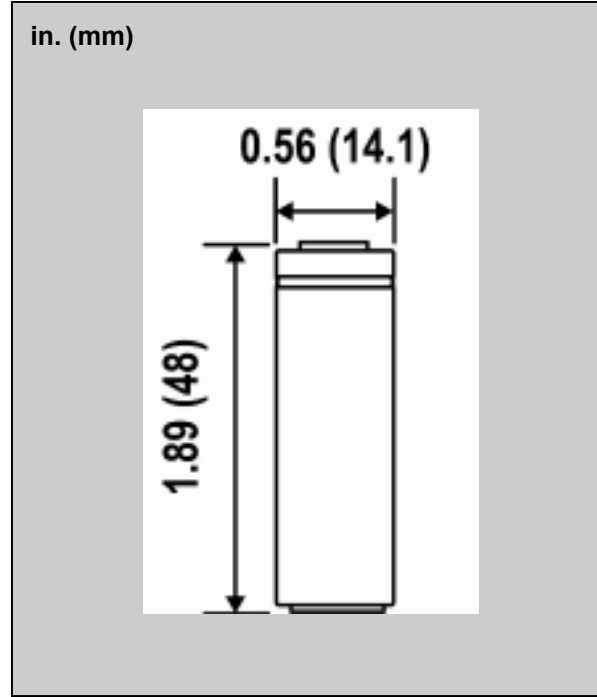
Sealed Nickel Cadmium Batteries

Model: PS-850AA

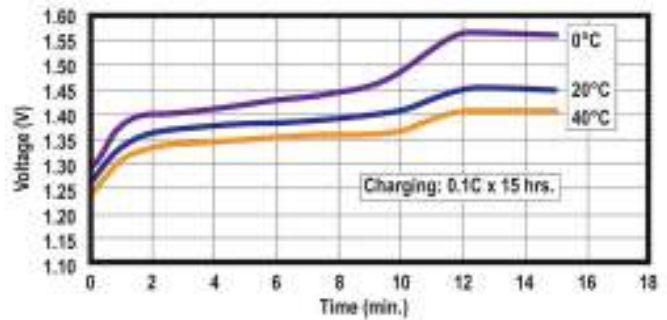
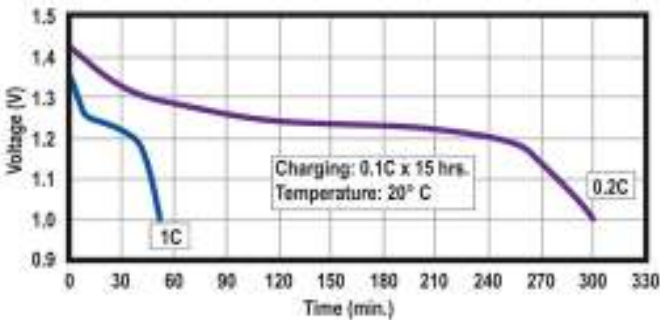
Specifications

Nominal Voltage		1.2 Volt
Rated Capacity		850 mA
Dimensions	Diameter in. (mm)	0.56 (14.1)
	Height in. (mm)	1.89 (48.0)
	Height with solder tabs	1.93 (49.0)
	Weight Approx.	23 gm
	Internal Resistance	< 40 mΩ
	Standard Charge (0.1C)	85 mA
	Trickle Charge	(0.03C)~(0.05C)
	Fast Charge ΔV	425 mA
Recommended Operating Temperature Range	Std/Trickle Charge	20±5°C
	Fast Charge	20±5°C
	Discharge	20±5°C
	Storage	-20°C to 45°C
Standard Discharge (0.2C) Cut Off Voltage		1.0V per cell
High Rate Discharge (1 C) Cut Off Voltage		1.0V per cell

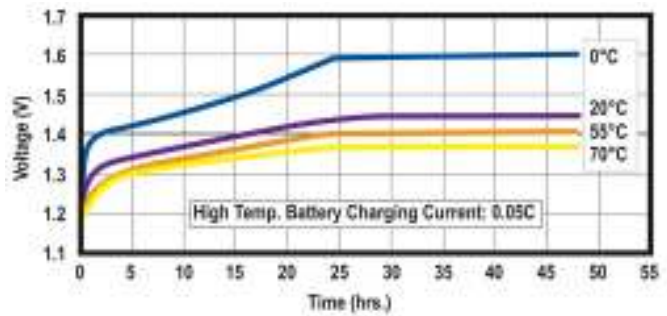
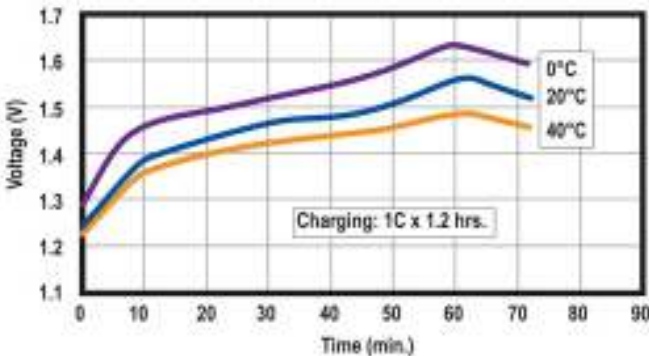
Dimensions



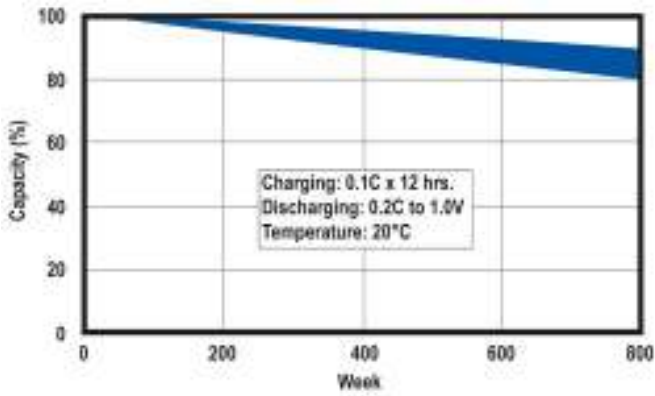
Charging and Discharging Characteristics



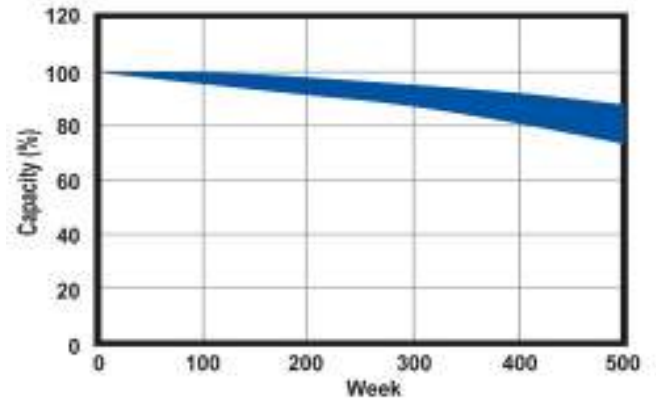
Discharge Standard Charge



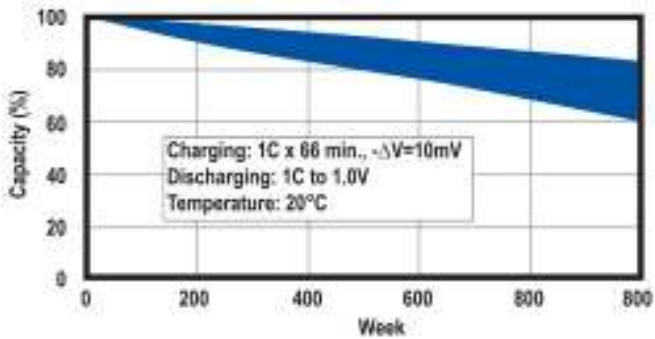
Fast Charge Trickle Charge



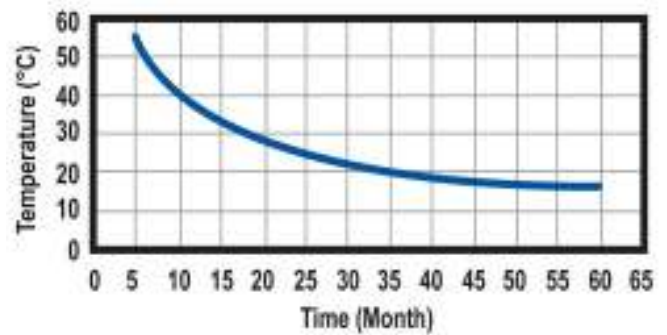
Standard Battery Cycle Life



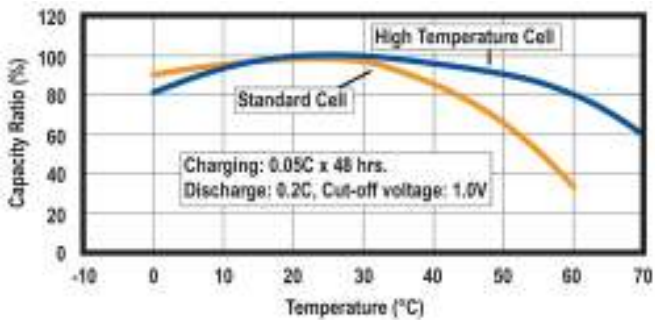
Fast Charging Cycle Life



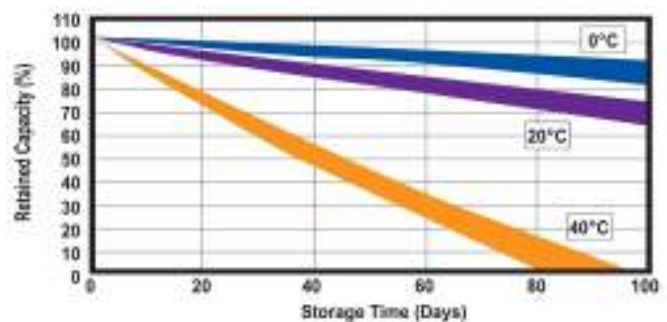
Cycle Life Using Trickle Charging



Stand-by Battery Life



Capacity vs. Temperature



Retained Capacity In Storage

Corporate Headquarters and Domestic Sales
 Power-Sonic Corporation • 7550 Panasonic Way • San Diego, CA 92154 • U.S.A
 Phone: (619) 661-2020 • Fax: (619) 661.3650
 Email Sales: national-sales@power-sonic.com
 Email Customer Service: customer-service@power-sonic.com
 E-mail Technical Support: technical-support@power-sonic.com

International Sales
 Power-Sonic Corporation • P.O. Box 5242 • Redwood City, CA 94063 • U.S.A.
 Phone: (650) 364-5001 • Fax: (650) 366-3662
 Email Sales: international-sales.com@power-sonic.com

www.power-sonic.com

© Copyright 2010 Power-Sonic Corporation. All rights reserved