

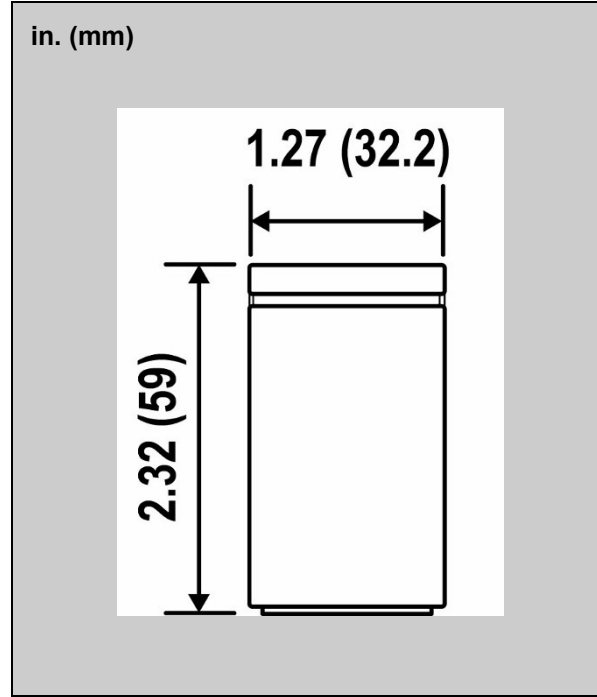
Sealed Nickel Cadmium Batteries

Model: PS-DX

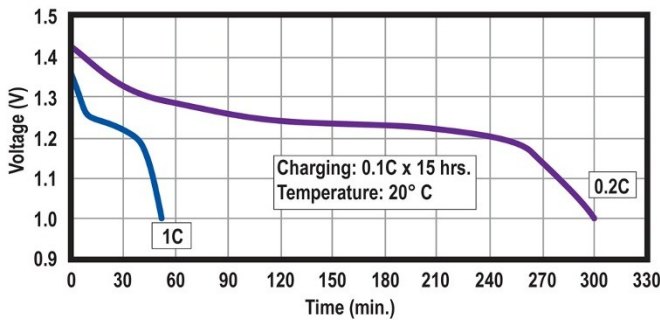
Specifications

Nominal Voltage		1.2 Volt
Rated Capacity		5000 mAh
Dimensions	Diameter in. (mm)	1.27 (32.2)
	Height in. (mm)	2.32 (59.0)
	Height with solder tabs	2.36 (60.0)
	Weight Approx.	138 gm
	Internal Resistance	< 16 mΩ
	Standard Charge (0.1C)	500 mA
	Trickle Charge	(0.03C)~(0.05C)
	Fast Charge ΔV	1000 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

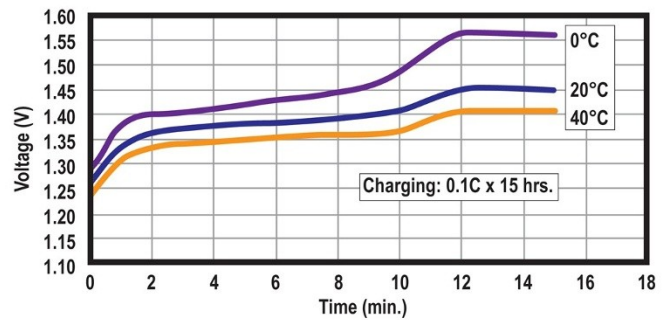
Dimensions



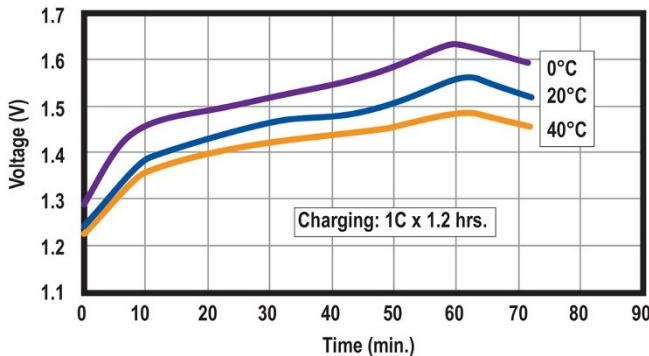
Charging and Discharging Characteristics



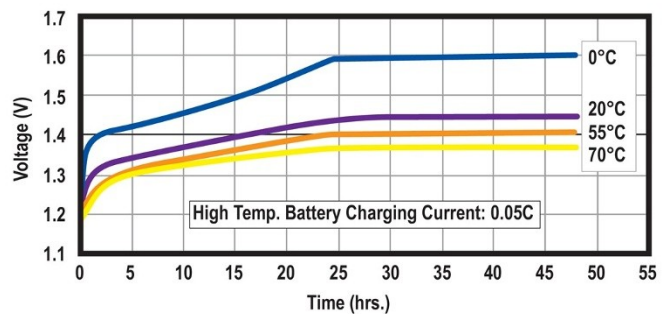
Discharge



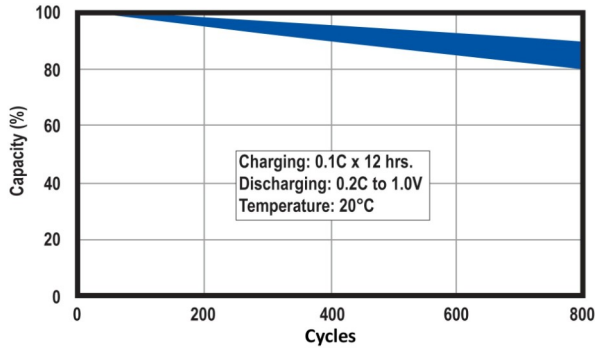
Standard Charge



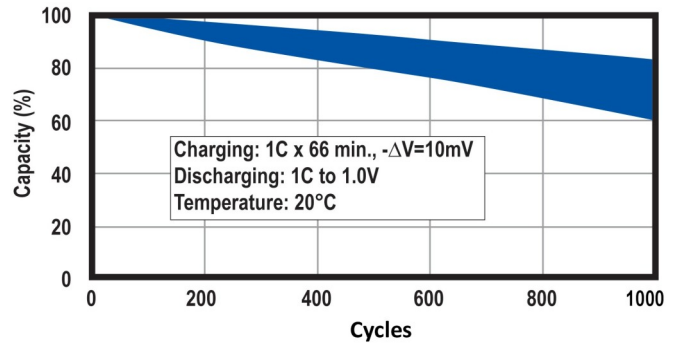
Fast Charge



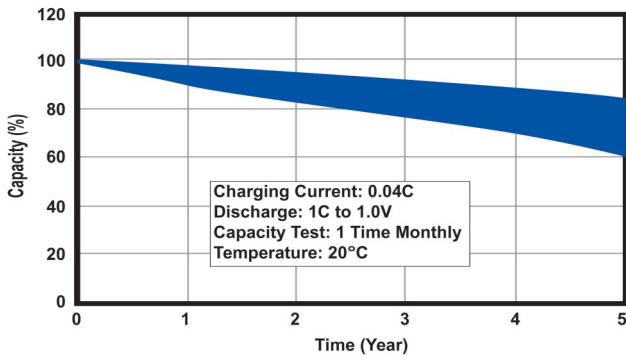
Trickle Charge



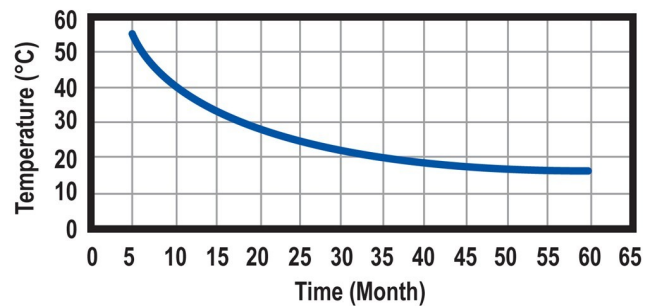
▲ Standard Battery Cycle Life ▲



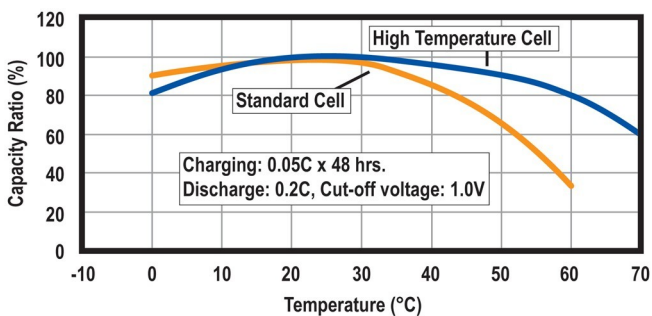
▲ Fast Charging Cycle Life ▲



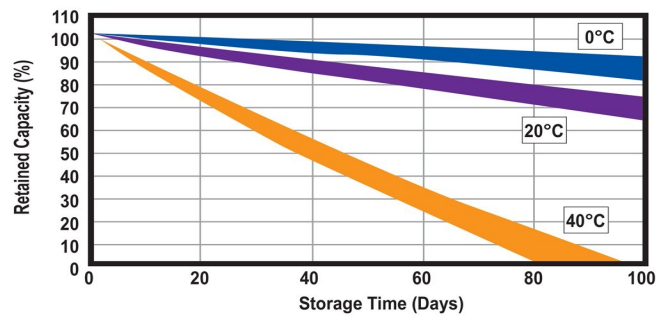
▲ Cycle Life Using Trickle Charging ▲



▲ 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