

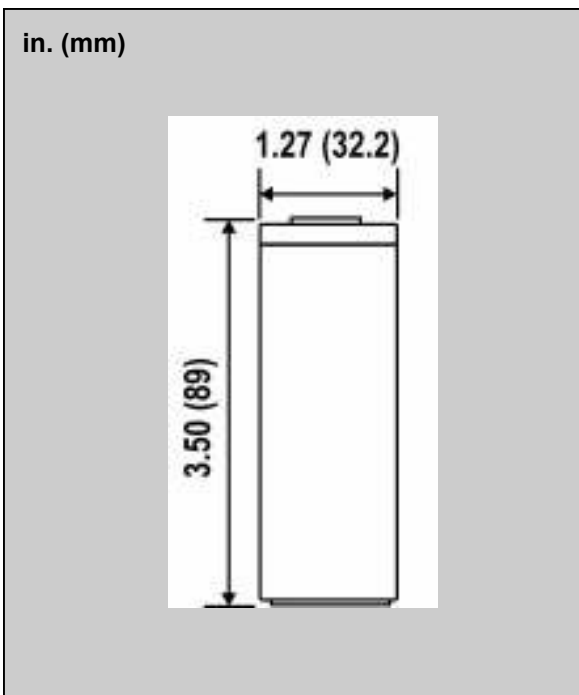
Sealed Nickel Cadmium Batteries

Model: PS-F

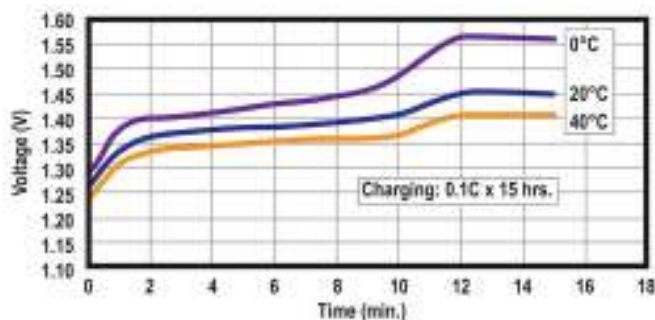
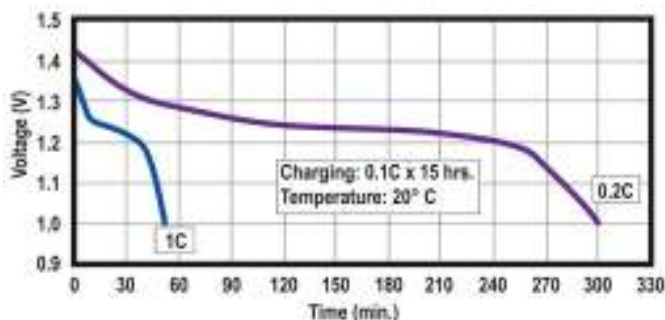
Specifications

Nominal Voltage		1.2 Volt
Rated Capacity		7000 mA
Dimensions	Diameter in. (mm)	1.27 (32.2)
	Height in. (mm)	3.50 (89.0)
	Height with solder tabs	3.54 (90)
	Weight Approx.	179 gm
	Internal Resistance	< 7 mΩ
	Standard Charge (0.1C)	700 mA
	Trickle Charge	(0.03C)~(0.05C)
	Fast Charge ΔV	2100 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

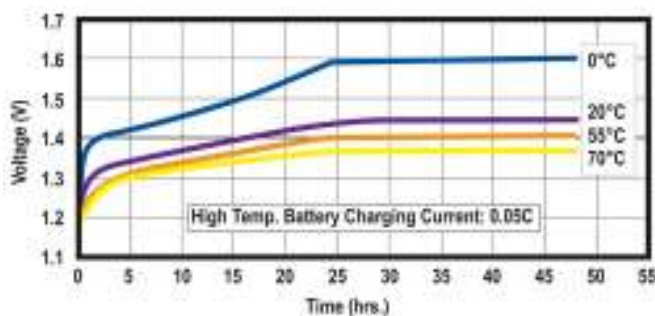
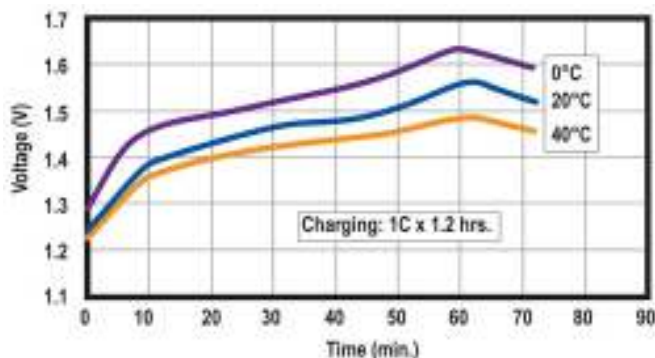


Charging and Discharging Characteristics



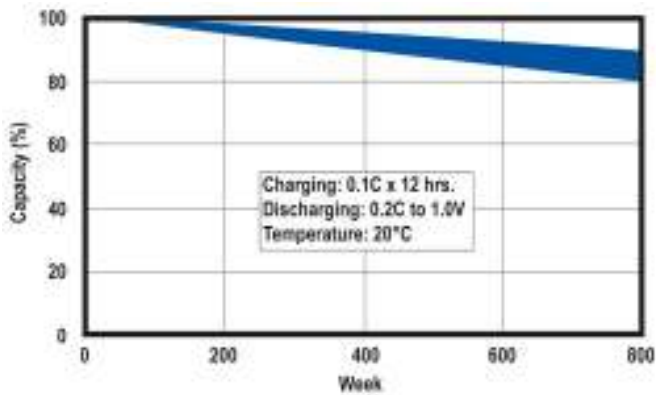
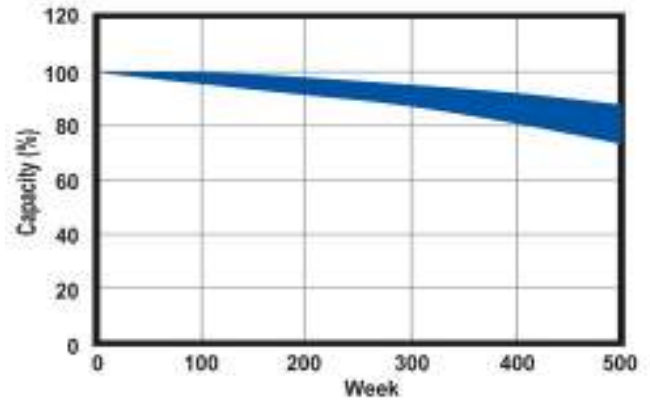
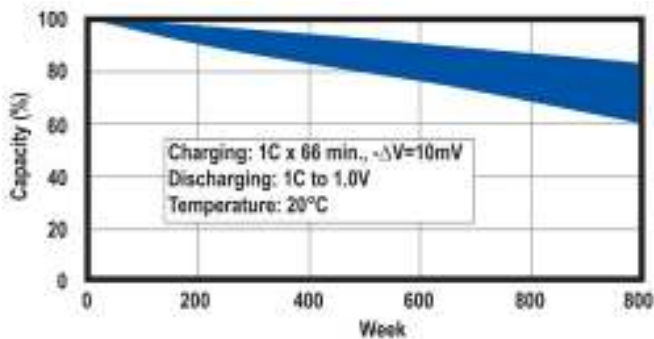
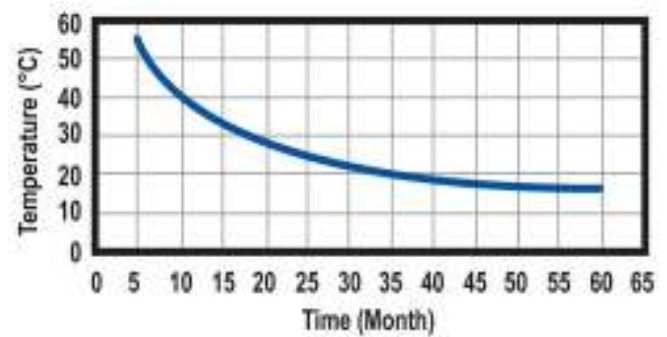
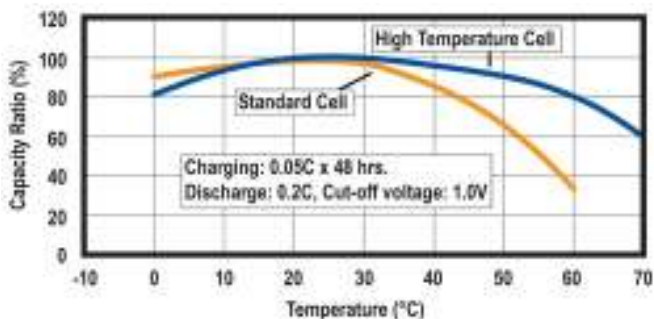
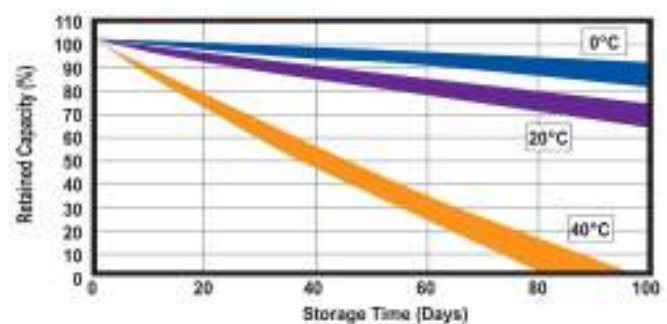
Discharge

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