

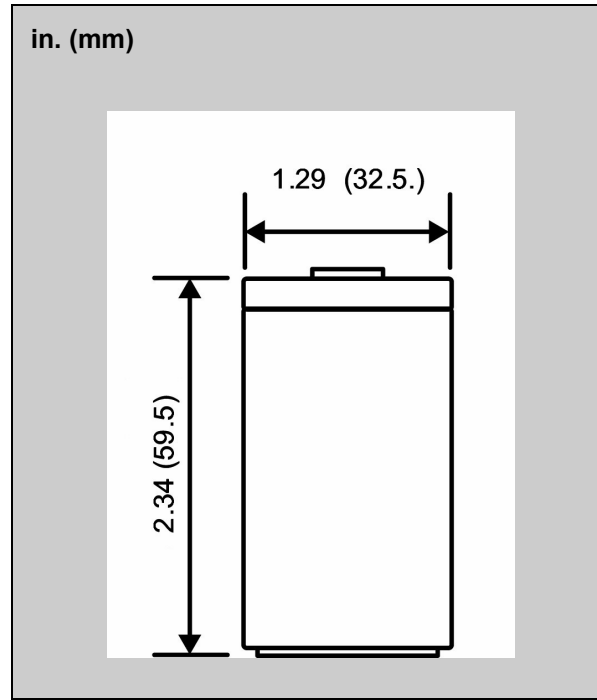
## Sealed Nickel Cadmium Batteries

## Model: PS-D

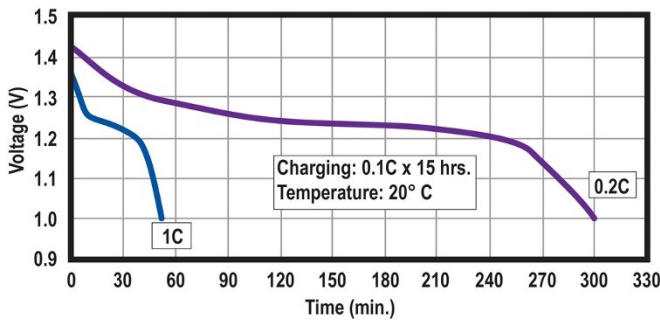
### Specifications

Nominal Voltage		1.2 Volt
Rated Capacity		4000 mAh
Dimensions	Diameter in. (mm)	1.29 (32.5)
	Height in. (mm)	2.34 (59.5)
	Height with solder tabs	2.38 (60.5)
	Weight Approx.	113 gm
	Internal Resistance	< 20 mΩ
	Standard Charge (0.1C)	400 mA
	Trickle Charge	(0.03C)~(0.05C)
	Fast Charge ΔV	2000 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

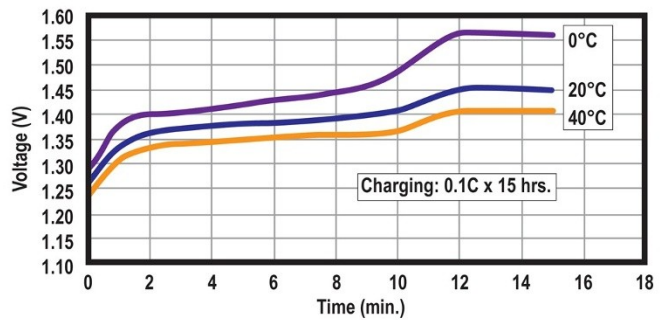
### Dimensions



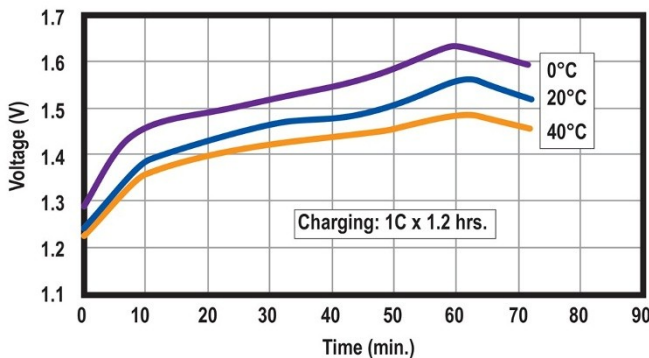
## Charging and Discharging Characteristics



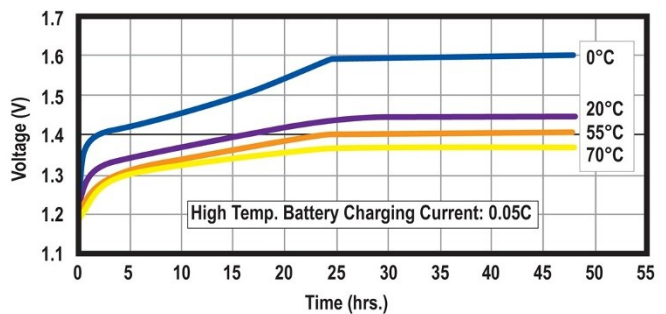
Discharge



Standard Charge



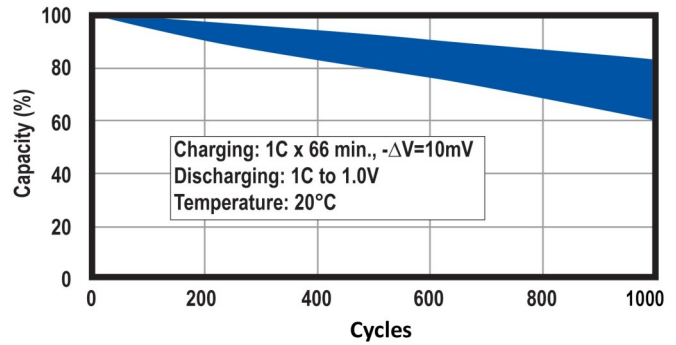
Fast Charge



Trickle Charge



▲ Standard Battery Cycle Life ▲



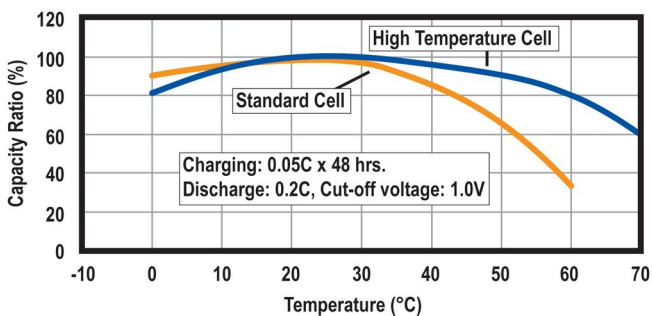
▲ Fast Charging Cycle Life ▲



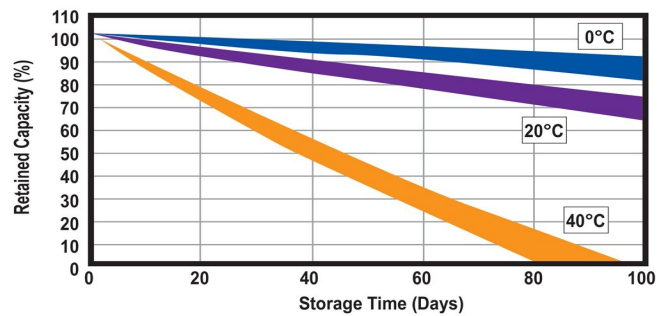
▲ Cycle Life Using Trickle Charging ▲



▲ Stand-by Battery Life ▲



▲ Capacity vs. Temperature ▲



▲ Retained Capacity In Storage ▲

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