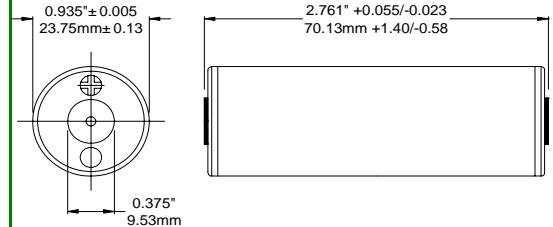


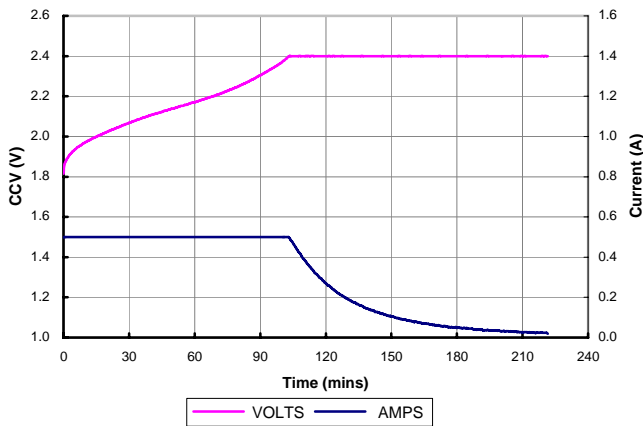
Description	Condition	Rating
Capacity(Typical)	1 Amp Rate (1.75V cutoff)	1.0 Ah
	30 Amp Rate (1.7V cutoff)	0.67 Ah (80secs)
	200 Amp Rate (1.3V cutoff)	0.42 Ah (7.5secs)
Nominal cell voltage		2V
Nominal internal resistance (DC)	Fully Charged @ 25°C	≤3.0mΩ
Nominal cycle life	200C (200 Amps) Discharge, to 1.3V, 5 sec (Continuous)	150
Recommended float charge duration	2.20V± 0.02V	1 year (max)
Recommended maximum storage time between recharges (~50% SOC)	@ 0°C	4 months (or to 2.10 V/cell)
	@ 20°C	1.5 months (or to 2.08V/cell)
	@ 45°C	2 weeks (or to 2.08/cell)
Terminal type		Tin Plated Brass
Recommended operating temperature		-20°C to +50°C
Peak short circuit current		> 2000 Amps
Peak discharge current		900 Amps
Weight per cell		88.5g
Volume per cell		31.3 ml

Model No. : GP100TMFSC

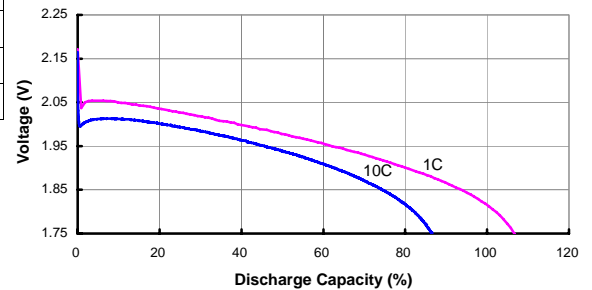


Constant Voltage Charge

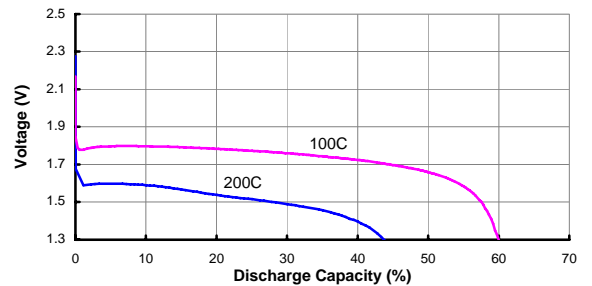
(2.4V CV Max Current 0.5A Until Taper Down 0.02A Cut-off)



Low Rate Discharge



High Rate Discharge



DISCHARGE CURRENT (AMPS)	NOMINAL DISCHARGE MID-POINT VOLTAGE	WATTS	NOMINAL DISCHARGE TIME (SEC)	WATT-HOURS
1	1.972	1.97	3600	1.98
10	1.950	19.5	300	1.76
50	1.798	89.9	47	1.31
100	1.736	174	19	1.04
200	1.589	318	7.5	0.75
300	1.400	420	4.5	0.62
400	1.238	528	3.0	0.44
500	1.088	600	1.5	0.25