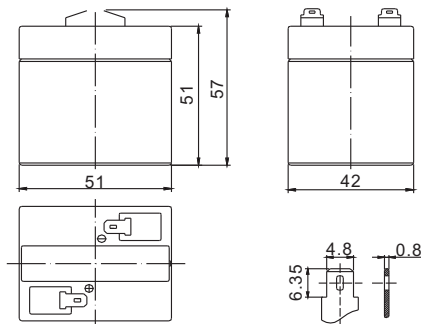


Standard Series FP610 6V1.0Ah

FirstPower®

Dimension(mm)



T1
Terminal



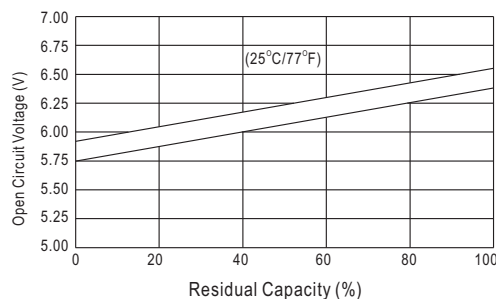
Specification

Nominal Voltage		6 V
Capacity(20HR, 25°C)		1Ah
Dimension	Length	51mm (2.01inch)
	Width	42mm (1.65inch)
	Height	51mm (2.01inch)
	Total Height	57mm (2.24inch)
Approx. Weight		0.25kg (0.55lbs)

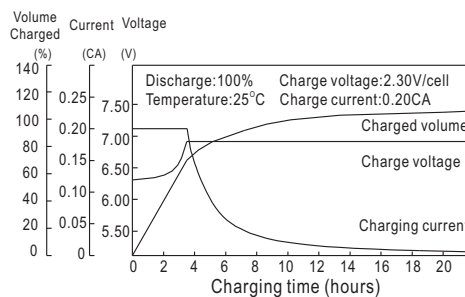
Characteristics

Capacity 20°C (68□) To 1.70V/Cell	20 hour rate	1.0Ah
	10 hour rate	0.9Ah
	5 hour rate	0.8Ah
	1 hour rate	0.63Ah
	15 min rate	0.48Ah
Internal resistance(Fully charged, 25°C)		Approx. 54mΩ
Capacity affected by temperature (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C ±3°C(77°F ±5°F)
Operating temperature range		-15°C~50°C(5°F~122°F)
Float charging voltage(25°C)		6.80 to 6.90V
Cyclic charging voltage(25°C)		7.25 to 7.45V
Maximum charging current		0.3A
Terminal material		Copper
Maximum discharge current		15A(5 Sec.)

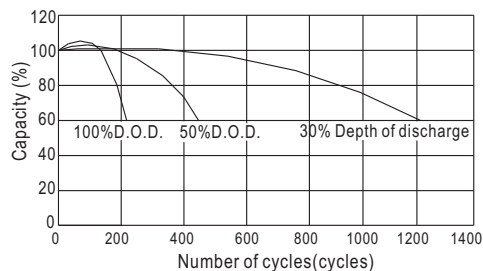
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



Charging Characteristics(25°C)



Cycle Life(25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
4.80V	4.00	2.50	2.20	1.10	0.66	0.24	0.16	0.09	0.05
5.10V	3.80	2.38	1.92	1.06	0.63	0.24	0.16	0.09	0.05
5.40V	3.57	2.23	1.82	1.00	0.60	0.24	0.16	0.09	0.05

Constant Power Discharge Characteristics (Watt, 25°C)

5min	10min	15min	30min	60min	3h	5h	10h	20h
22.3	14.1	11.4	6.30	3.82	1.45	0.97	0.55	0.30
21.2	13.4	10.9	6.05	3.67	1.43	0.96	0.54	0.30
19.9	12.6	10.4	5.75	3.49	1.40	0.94	0.54	0.30