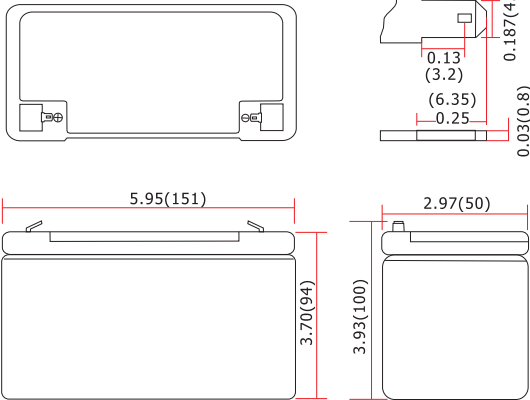


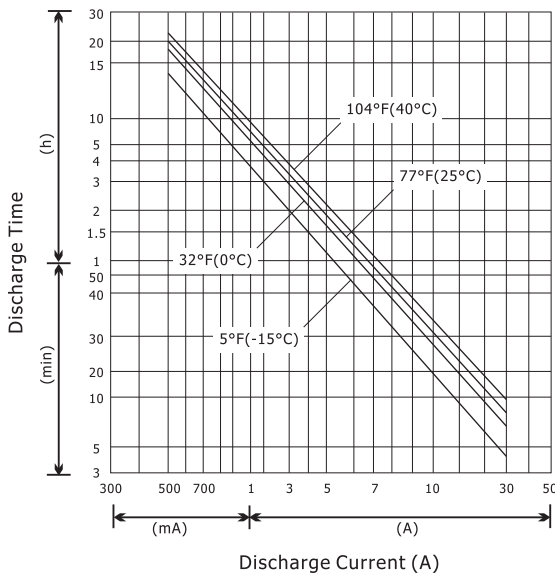
FB10-6

6V10Ah Lead Acid Battery

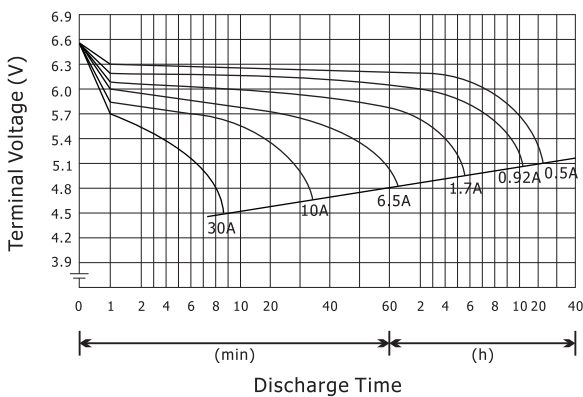
Unit:inch(mm)



■ Discharge Current and Discharge Duration Time



Discharge Curves 77°F(25°C)



■ Specification

Nominal Voltage	6V	
Rated Capacity (20hr Rate)	10Ah	
Dimensions	Length	5.95inches (151mm)
	Width	2.97inches (50mm)
	Height	3.70inches (94mm)
	Total Height	3.93inches (100mm)
Weight	Approx. 3.51lbs (1.59kg)	

■ Characteristics

Capacity 77°F(25°C)	20hour rate (0.50A)	10.0Ah
	10hour rate (0.92A)	9.2Ah
	5hour rate (1.70A)	8.5Ah
	1hour rate (6.5A)	6.5Ah
Internal Resistance	Full Charged, 77°F(25°C)	20mΩ
Capacity Affected By Temperature (10hr Rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 77°F(25°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 9 month storage	60%
Charge (Constant Voltage)	Initial Charge Current "LESS" than 3.0A	
	Cycle	7.30–7.50V/77°F(25°C)
	Stand By	6.75–6.90V/77°F(25°C)

**These data are average values obtained from three Charge/Discharge cycles. Note: These are NOT minimum values.

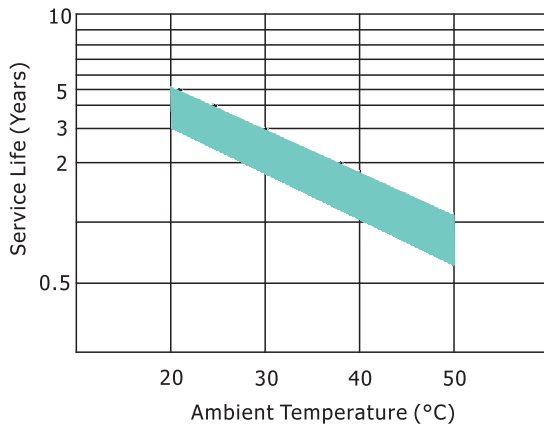
Constant Current Discharge Characteristics Unit: A (25°C / 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	20HR
4.8V	35.7	24.6	18.4	11.2	6.60	3.80	2.80	1.77	1.17	1.00	0.54
5V	33.0	23.1	17.6	10.8	6.50	3.70	2.70	1.74	1.15	0.98	0.53
5.1V	31.7	22.5	17.1	10.7	6.50	3.70	2.70	1.73	1.14	0.97	0.51
5.2V	29.1	21.1	16.3	10.3	6.30	3.60	2.60	1.71	1.12	0.96	0.50
5.4V	26.3	19.6	15.4	9.90	6.20	3.50	2.60	1.66	1.09	0.94	0.48
5.6V	23.0	17.6	14.1	9.50	6.10	3.50	2.50	1.63	1.08	0.93	0.47

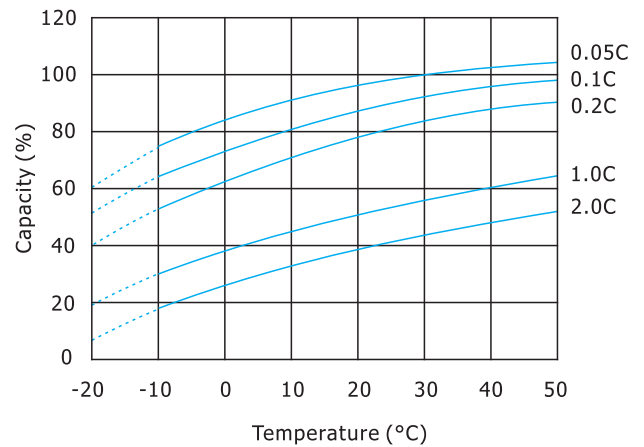
Constant Power Discharge Characteristics Unit: W (25°C / 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	20HR
4.8V	192	136	107	65.0	38.0	21.5	15.8	10.3	6.75	5.70	2.95
5V	177	127	100	63.5	37.2	21.2	15.4	10.1	6.60	5.60	2.90
5.1V	169	124	97.0	62.5	36.8	21.0	15.2	10.0	6.60	5.55	2.85
5.2V	155	116	92.0	60.5	36.1	20.6	14.9	9.75	6.45	5.45	2.85
5.4V	140	107	86.5	58.0	35.3	20.1	14.5	9.45	6.25	5.30	2.80
5.6V	125	96.5	81.0	55.5	34.2	19.6	14.1	9.20	6.10	5.15	2.70

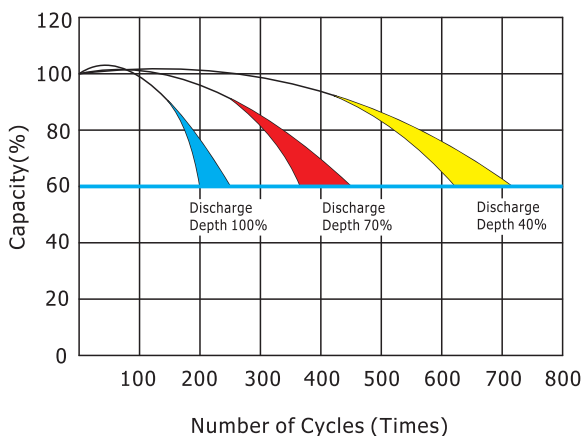
Trickle / Float Service Life



Effect of Temperature on Capacity



Cycle Service Life (@25°C/77°F)



Capacity Retention Characteristic

