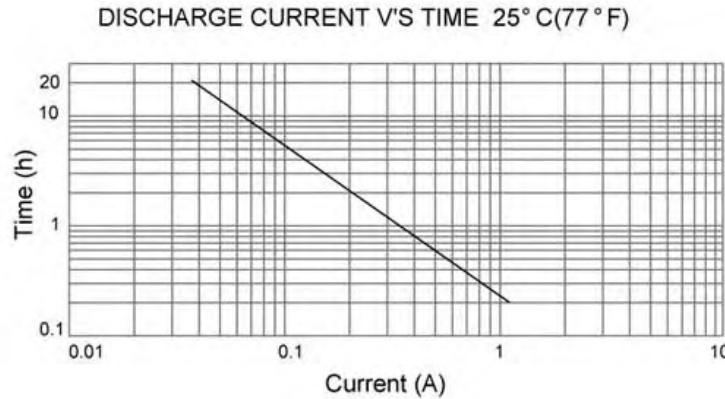
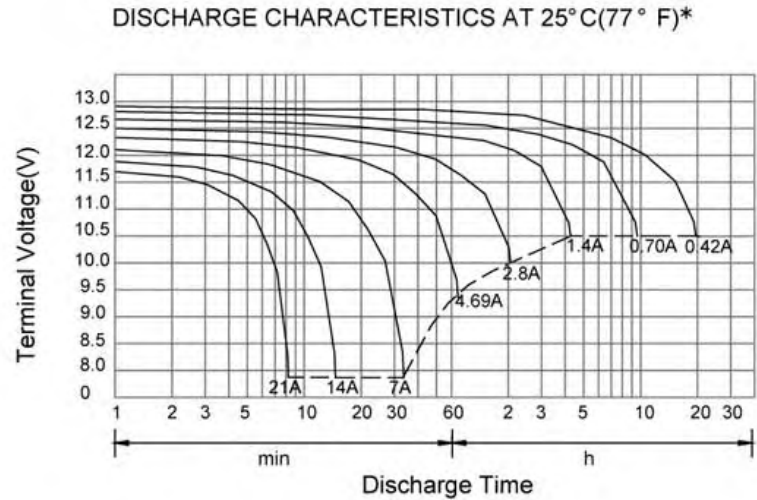


Specifications

Nominal Voltage		12V
Rated Capacity		7Ah
Dimensions	Total Height	3.98 inches (101mm)
	Height	3.74 inches (95mm)
	Length	5.94 inches (151mm)
	Width	2.56 inches (65mm)
Approximate Weight		4.76 lbs. (2.16kg)

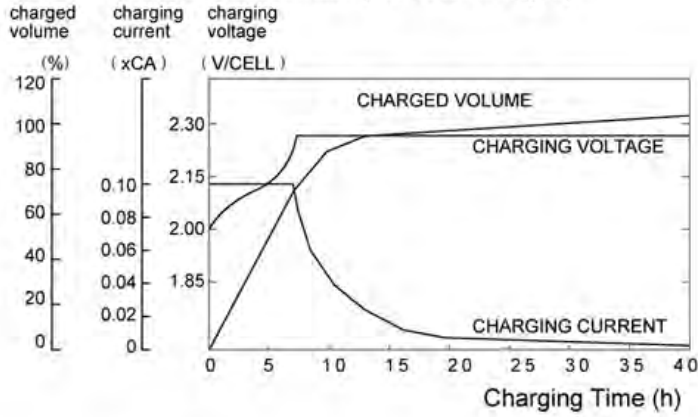
Characteristic

Capacity 77°F(25°C)	20h rate (0.35A)	7Ah
	10h rate (0.65A)	6.5Ah
	5h rate (1.12A)	5.6Ah
	1h rate(4.76A)	4.76Ah
	15 min rate (13.2A)	3.3Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	25mΩ
Capacity Affected by Temperature (20h rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 68°F(20°C) (Capacity after)	3 month storage	90%
	6 month storage	80%
	12 month storage	60%
Max. Discharge Current 77°F(25°C)	105(5s)	
Terminal	T1	
Charge (Constant Voltage, 25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current:2.8A
	Float	13.6~13.8V(-18mV/°C)

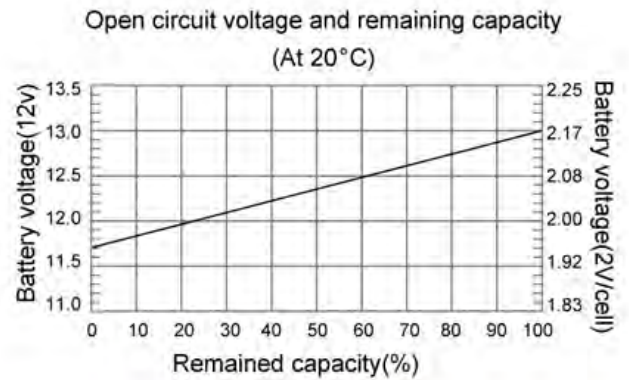
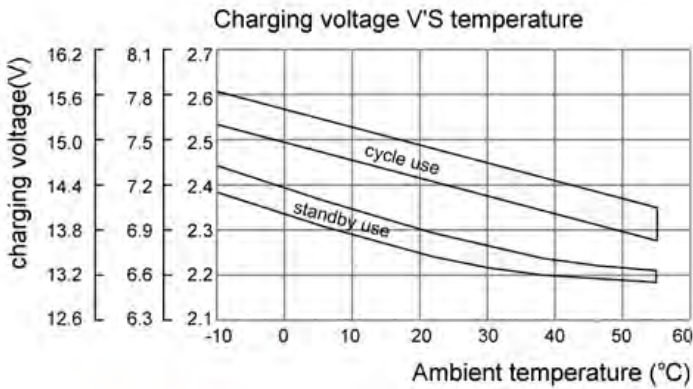
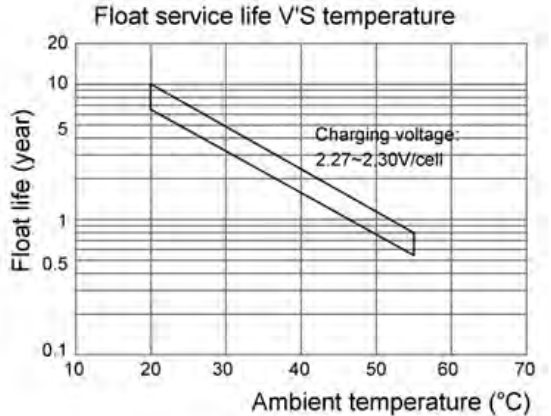
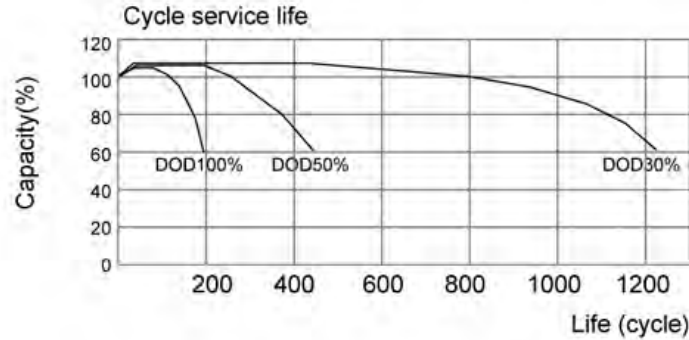
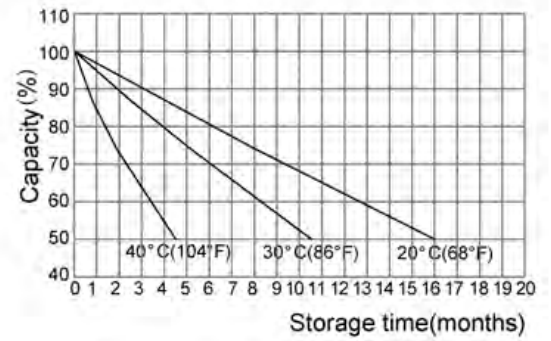


*The above data are of average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.

Constant-Voltage Characteristic (100% Discharged)



Self Discharge Characteristic



Constant Current Discharge Data Sheet (Amperes at 25°C)

End Voltage/cell	Minute (M)				Hour (H)					
	5	10	20	45	1	2	4	8	10	20
1.70	25.9	16.9	9.42	4.89	4.20	2.49	1.42	0.810	0.663	0.357
1.75	25.7	16.7	9.33	4.84	4.17	2.41	1.39	0.800	0.657	0.354
1.80	25.4	16.5	9.24	4.79	4.14	2.30	1.35	0.790	0.650	0.350

Constant Power Discharge Data Sheet (Watt at 25°C)

End Voltage/cell	Minute (M)				Hour (H)					
	5	10	20	45	1	2	4	8	10	20
1.70	311	203	113	58.7	50.4	29.9	17.0	9.72	7.89	4.25
1.75	308	200	112	58.1	50.0	28.9	16.7	9.60	7.82	4.21
1.80	305	198	111	57.5	49.7	27.6	16.2	9.48	7.74	4.17