

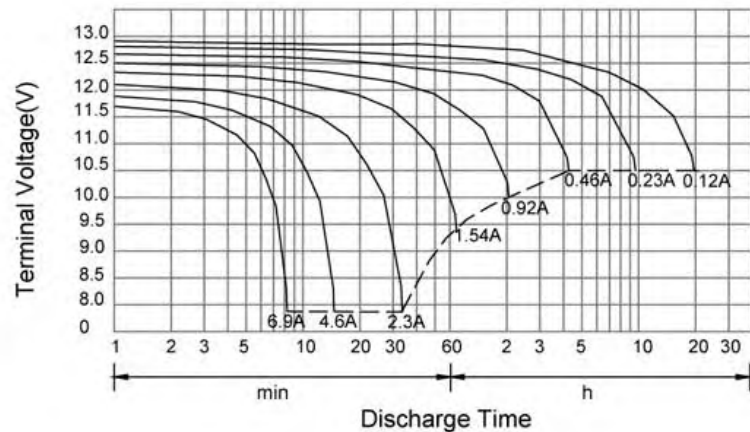
Specifications

Nominal Voltage		12V
Rated Capacity		2.3Ah
Dimensions	Total Height	2.64 inches (67mm)
	Height	2.40 inches (61mm)
	Length	7.01 inches (178mm)
	Width	1.38 inches (35mm)
Approximate Weight		2.18 lbs. (0.99kg)

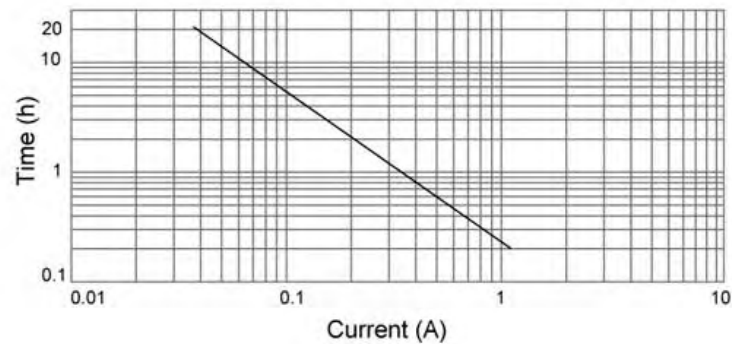
Characteristic

Capacity 77°F(25°C)	20h rate (0.115A)	2.3Ah
	10h rate (0.21A)	2.1Ah
	5h rate (0.37A)	1.85Ah
	1h rate (1.56A)	1.56Ah
	15 min rate (4.16A)	1.04Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	42mΩ
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)	34.5A(5s)	
Terminal	T1	
Charge (Constant Voltage, 25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 0.92A
	Float	13.6~13.8V(-18mV/°C)

DISCHARGE CHARACTERISTICS AT 25°C(77° F)*

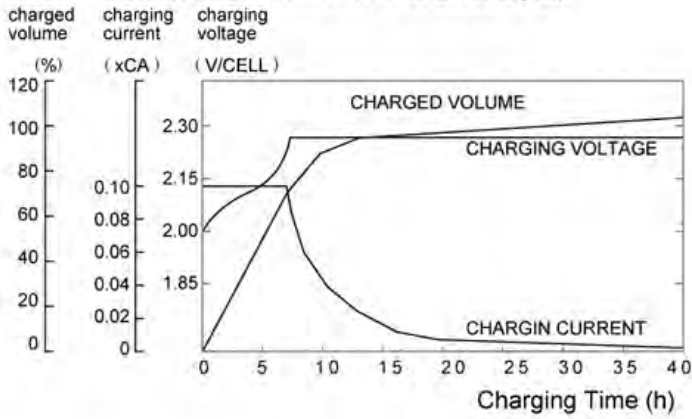


DISCHARGE CURRENT V'S TIME 25°C(77° F)

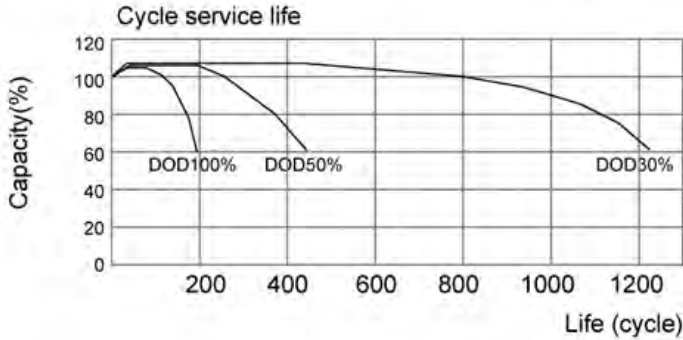
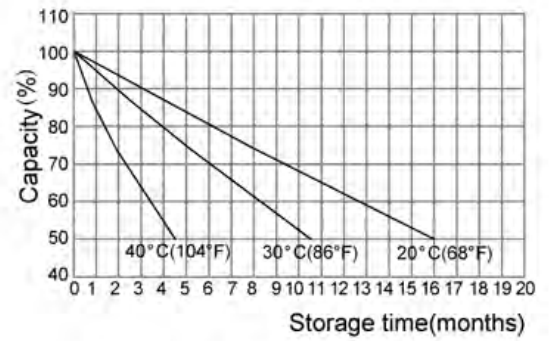


*The above data are of average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.

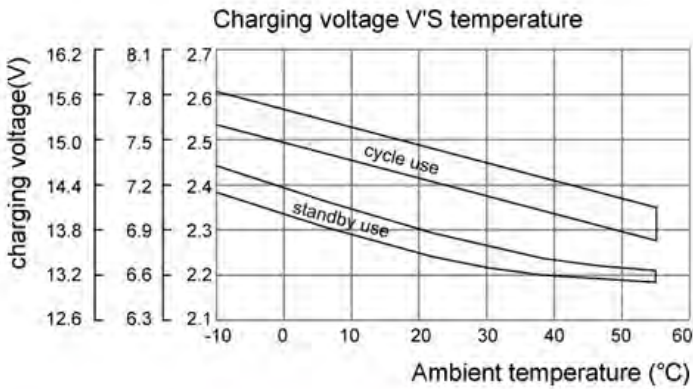
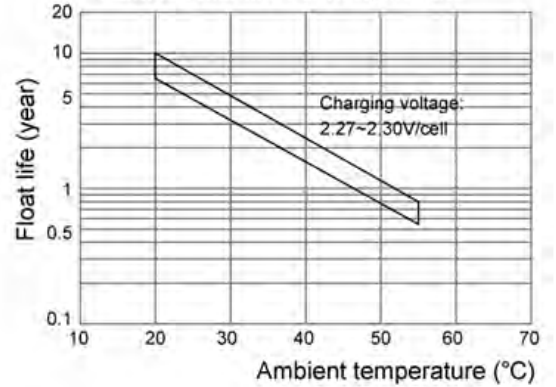
Constant-Voltage Characteristic (100% Discharged)



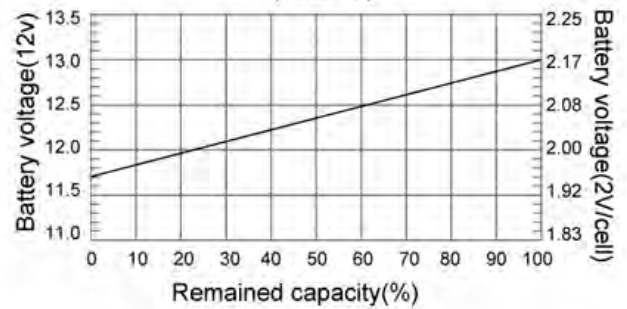
Self Discharge Characteristic



Float service life V'S temperature



Open circuit voltage and remaining capacity (At 20°C)



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	8.14	5.30	2.96	1.54	1.32	0.78	0.45	0.255	0.204	0.112
1.75	8.06	5.25	2.93	1.52	1.31	0.76	0.44	0.253	0.202	0.111
1.80	7.89	5.20	2.90	1.51	1.30	0.72	0.42	0.250	0.200	0.110

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	97.7	63.6	35.5	18.5	15.8	9.36	5.40	3.06	2.43	1.33
1.75	96.7	63.0	35.2	18.2	15.7	9.12	5.28	3.04	2.40	1.32
1.80	94.7	62.4	34.8	18.1	15.6	8.64	5.04	3.00	2.38	1.31