

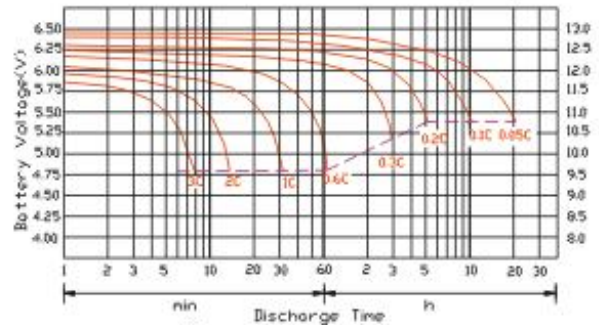
● **Specifications**

Nominal Voltage		12V
Rated Capacity		250Ah
Dimensions	Total Height	8.82 inches (224mm)
	Height	8.66 inches (220mm)
	Length	20.47 inches (520mm)
	Width	10.55 inches (268mm)
Approximate Weight		154.32 lbs. (70.0kg)

● **Characteristic**

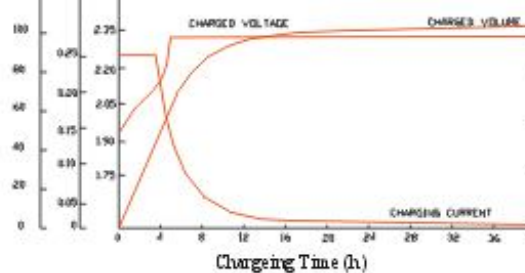
Capacity 77°F(25°C)	20h rate	263Ah
	10h rate	250Ah
	5h rate	213Ah
	1h rate	150Ah
	15 min rate	105Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 2.6mΩ
Capacity Affected by Temperature (20h rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 68°F(20°C) (Capacity after)	3 month storage	90%
	6 month storage	80%
	12 month storage	60%
Max. Discharge Current 77°F(25°C)	2000A(5s)	
Terminal	T13	
15 YEAR DESIGN LIFE AND STANDBY USE		
Charge (Constant Voltage,25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current:750A
	Float	13.6~13.8V(-18mV/°C)

DISCHARGE CHARACTERISTICS AT 25°C(77°F)

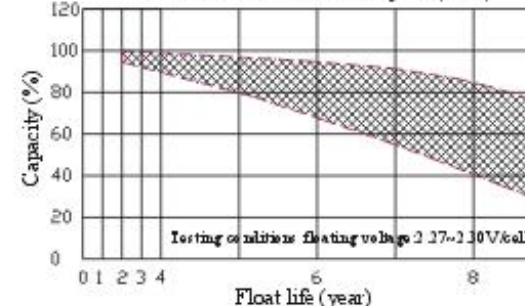


Charge characteristic curve

Constant voltage charge characteristic (0.25C, 25°C)



Life characteristics of standby use (25°C)



Constant Current Discharge Characteristics (A,25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	790	525	420	250	164	67.2	45.6	25.4	13.5
10.2V	750	500	405	242	158	66.0	44.8	25.3	13.4
10.5V	705	465	387	232	150	64.5	43.8	25.2	13.3
10.8V	658	435	367	222	138	62.5	42.6	25.0	13.1

Constant Wattage Discharge Characteristics (Watt,25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	8532	5775	4704	2850	1902	793	543	305	162
10.2V	8100	5500	4536	2758	1832	779	533	304	161
10.5V	7614	5115	4334	2645	1740	761	521	302	160
10.8V	7106	4785	4110	2530	1600	738	507	300	157