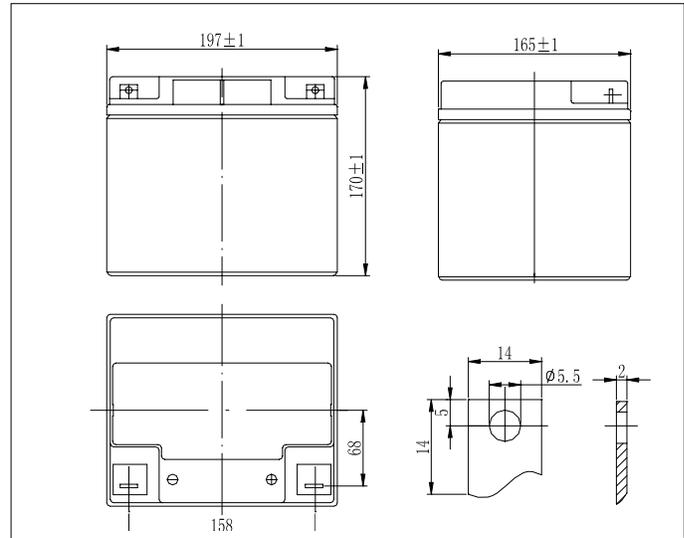


Specifications

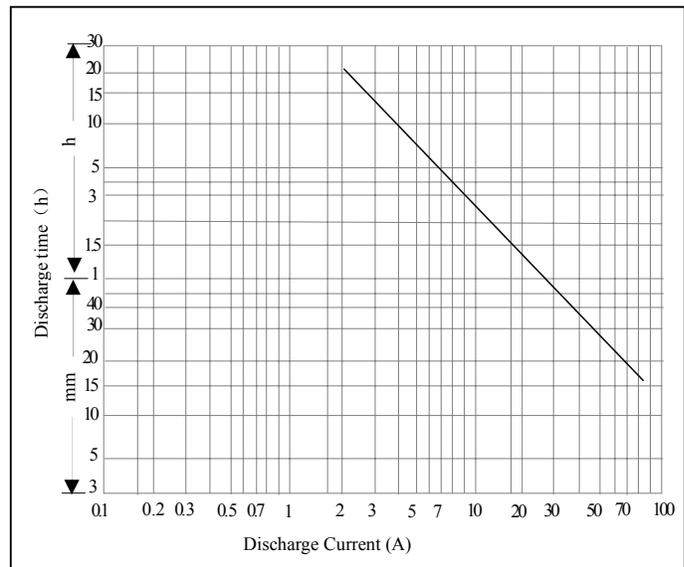
Nominal voltage		12V
Rated Capacity (20 hour rate)		40Ah
Dimensions	Height	6.69inches(170mm)
	Length	7.76inches(197mm)
	Width	6.50inches(165mm)
Weight		Approx. 29.95Lbs(13500g)



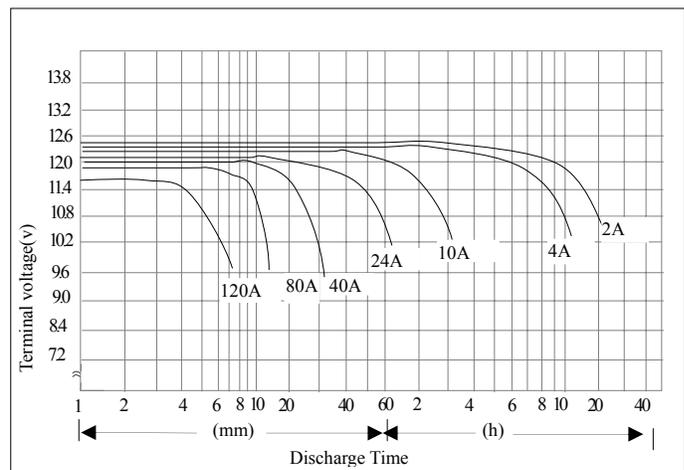
Characteristics

Capacity	20 hour rate	42.1Ah
	10 hour rate	40.4Ah
	5 hour rate	38.3Ah
	1 hour rate	25.0Ah
	77°F(25°C)	
Internal Resistance	Full charged Battery 77°F(25°C)	11.5mΩ
Capacity affected by Temperature (20 hour rate)	113°F(45°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge	Capacity after 3 month storage	94%
	Capacity after 6 month storage	88%
	Capacity after 12 month storage	66%
	77°F(25°C)	
Charge (Constant Voltage)	Cycle	Initial Charging Current less then 8A Voltage 14.5~14.9V/12V 77°F(25°C)
	Float	Voltage 13.5~13.8V/12V 77°F(25°C)

Discharge Current & Discharge Duration Time 77°F(25°C)

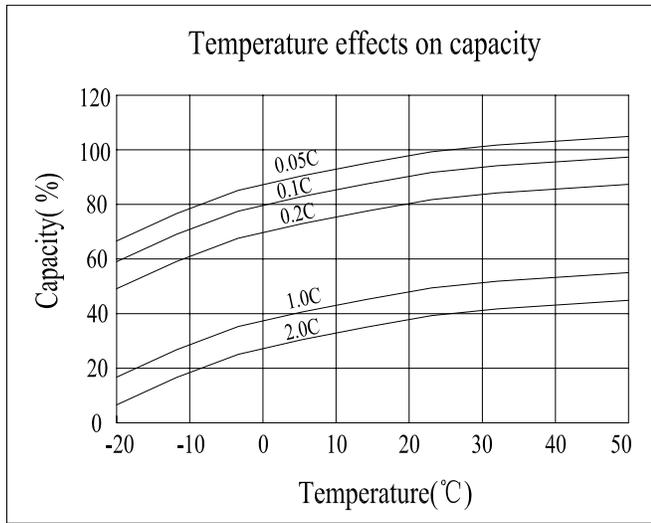


Discharge curves 77°F(25°C)*

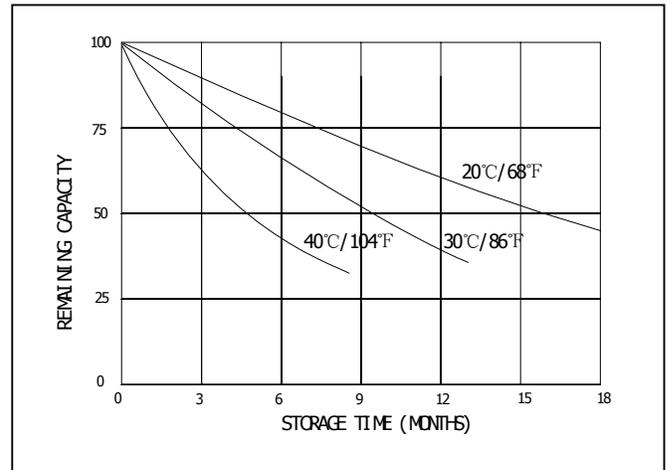


* The above data are average values, and can be obtained within

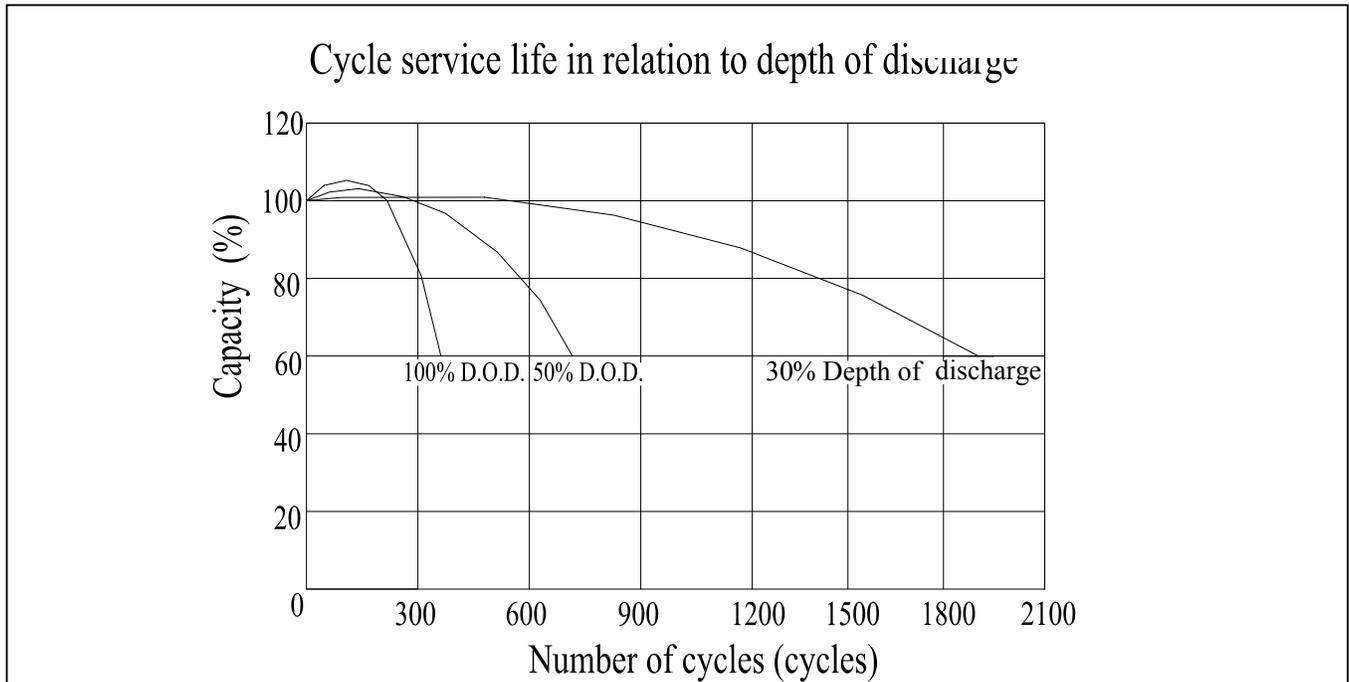
■ SELF-DISCHARGE CHARACTERISTICS



■ SELF-DISCHARGE CHARACTERISTICS



■ CYCLE SERVICE LIFE(25°C/77°F)



2M-1240G 12V-40AH GEL--- Constant Power Discharge Data

Time F.V.	Autonomy in minutes										Autonomy in hours						
	3	5	10	15	20	25	30	35	40	45	1	2	3	5	8	10	20
1.6	325	217	155	123	102	88	78	71	65	59	48	29	21.0	14.0	9.6	7.5	4.0
1.65	317	214	153	121	101	87	77	70	65	58	48	29	20.8	13.8	9.5	7.4	4.0
1.7	307	206	150	118	99	85	75	68	64	57	47	28	20.4	13.7	9.3	7.3	4.0
1.75	290	196	145	113	96	82	73	66	62	56	46	27	19.8	13.4	9.0	7.2	4.0
1.8	270	180	136	102	91	78	70	63	59	53	43	26	19.0	13.0	8.8	7.0	4.0