

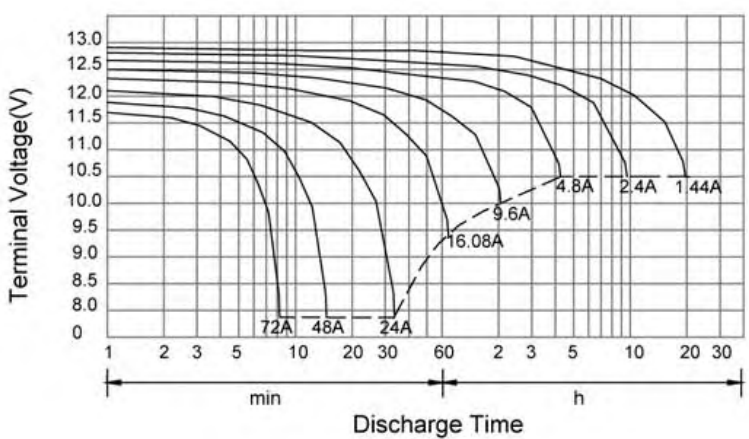
Specifications

Nominal Voltage		12V
Rated Capacity		24Ah
Dimensions	Total Height	4.90 inches (125mm)
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	Length	6.50 inches (166mm)
	Width	6.90 inches (175mm)
Approximate Weight		18.91 lbs. (8.6 kg)

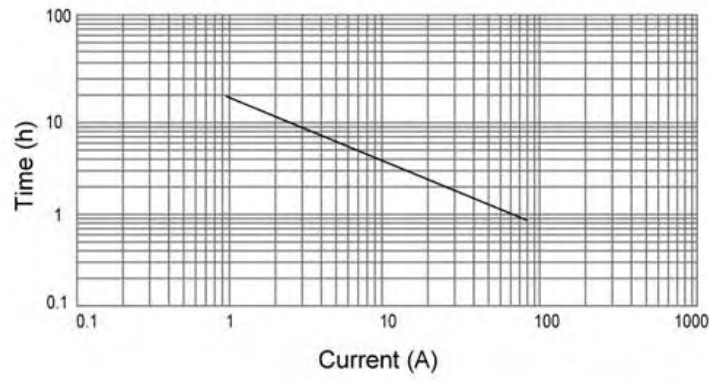
Characteristic

Capacity 77°F(25°C)	20h rate (1.20A)	24Ah
	10h rate (2.23A)	22.3Ah
	5h rate (3.84A)	19.2Ah
	1h rate (16.3A)	16.3Ah
	15 min rate (44.4A)	11.1Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	9mΩ
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)	375A(5s)	
Terminal	T2	
Charge (Constant Voltage, 25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current:10A
	Float	13.6~13.8V(-18mV/°C)

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

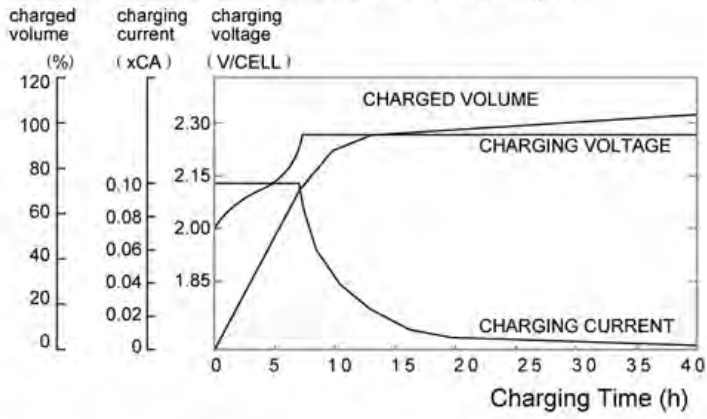


DISCHARGE CURRENT V'S TIME 25° C(77 ° F)

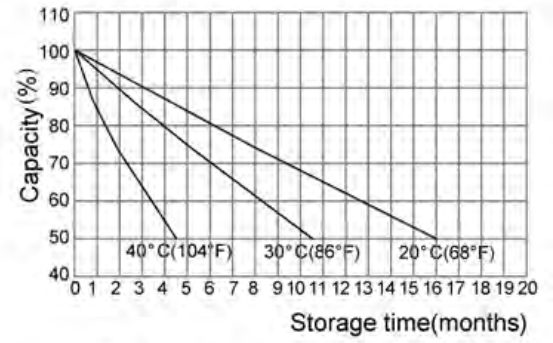


*The above data are of average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.

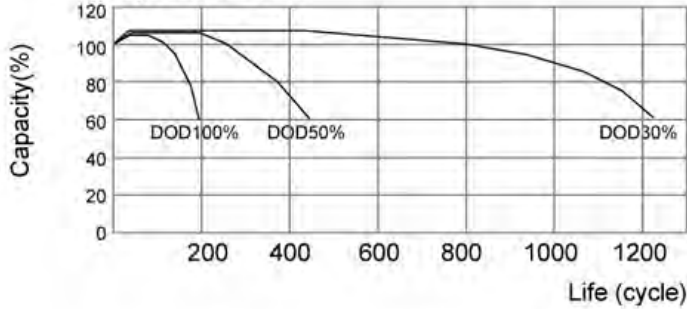
Constant-Voltage Characteristic (100% Discharged)



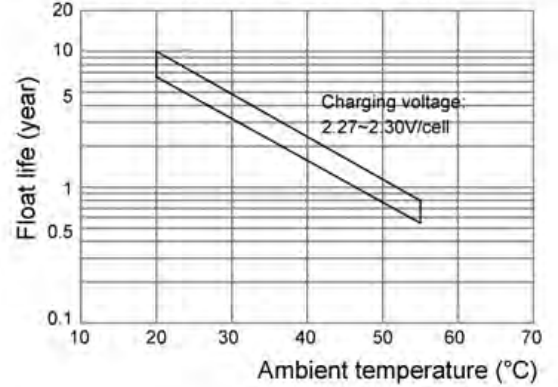
Self Discharge Characteristic



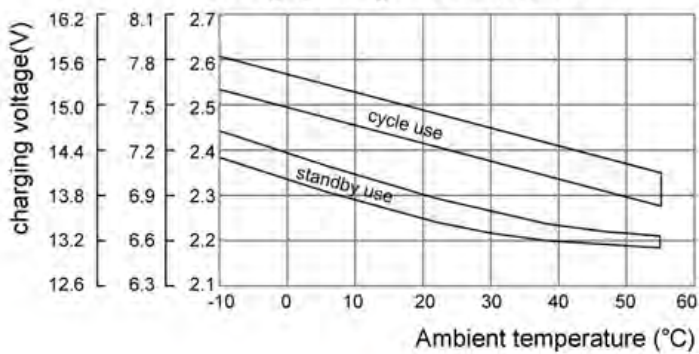
Cycle service life



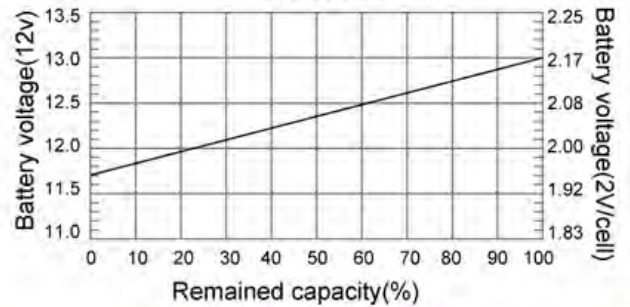
Float service life V'S temperature



Charging voltage 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	88.8	57.8	32.3	16.8	14.4	8.52	4.86	2.75	2.33	1.24
1.75	87.9	57.2	32.0	16.6	14.3	8.27	4.76	2.73	2.30	1.21
1.80	87.1	56.7	31.7	16.3	14.2	7.88	4.63	2.70	2.28	1.20

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	1066	694	388	202	173	102	58.3	33.0	27.7	14.5
1.75	1055	686	384	199	172	99.2	57.1	32.8	27.4	14.4
1.80	1045	680	380	197	170	94.6	55.6	32.4	27.1	14.3