

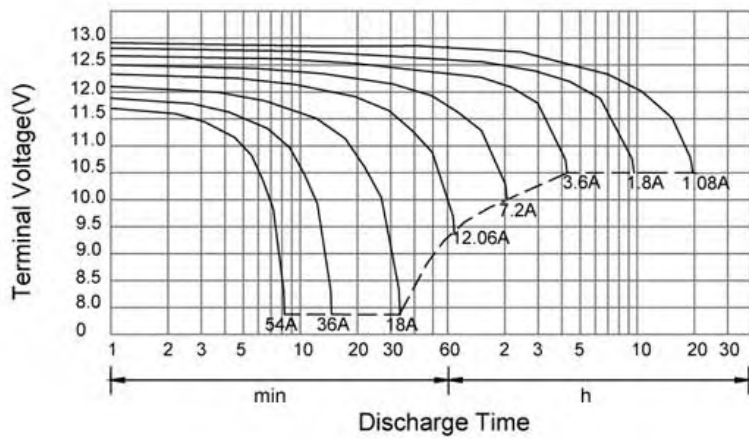
Specifications

Nominal Voltage		12V
Rated Capacity		18Ah
Dimensions	Total Height	6.57 inches (167mm)
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	Length	7.12 inches (181mm)
	Width	3.03 inches (77mm)
Approximate Weight		11.62 lbs. (5.27kg)

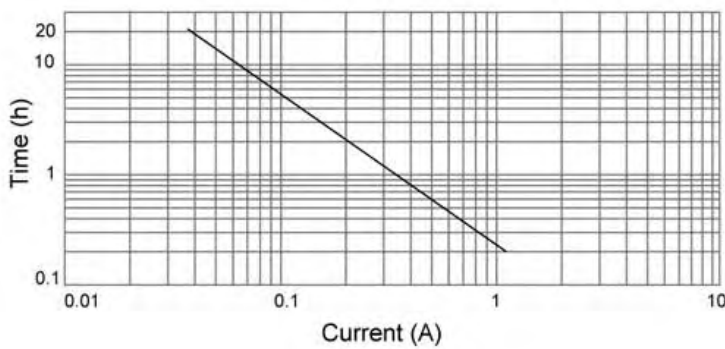
Characteristic

Capacity 77°F(25°C)	20h rate (0.9A)	18Ah
	10h rate (1.67A)	16.7Ah
	5h rate (2.88A)	14.4Ah
	1h rate (12.2A)	12.2Ah
	15 min rate (33.2A)	8.3Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	16mΩ
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)	255A(5s)	
Terminal	T3	
Charge (Constant Voltage, 25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current:6.8A
	Float	13.6~13.8V(-18mV/°C)

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

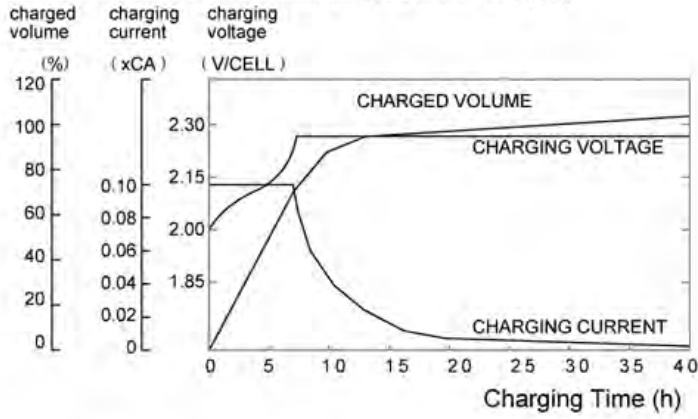


DISCHARGE CURRENT V'S TIME 25° C(77° F)

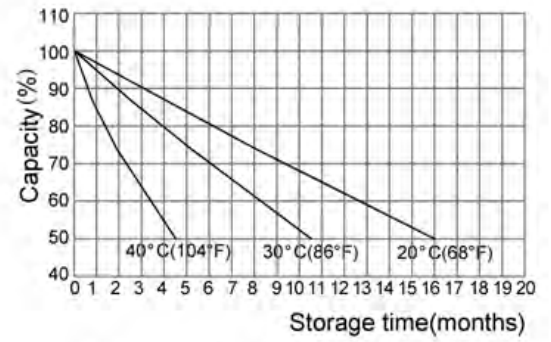


*The above data are of average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.

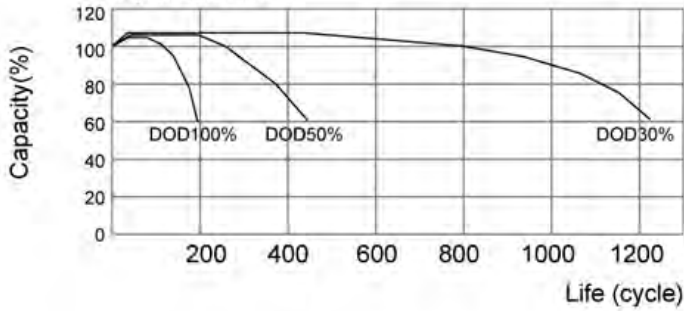
Constant-Voltage Characteristic (100% Discharged)



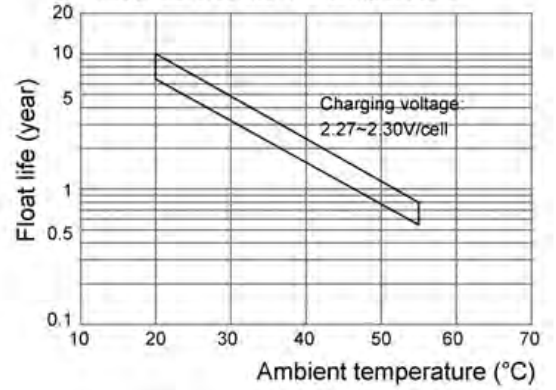
Self Discharge Characteristic



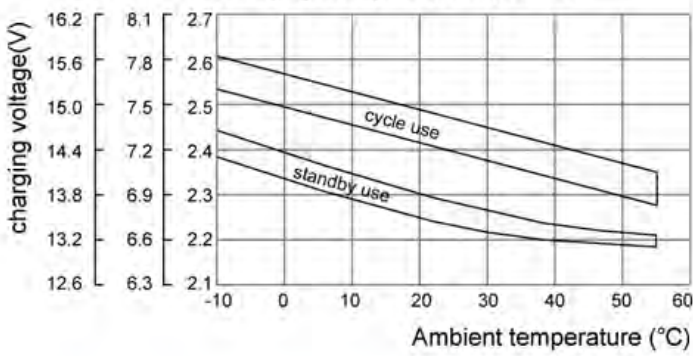
Cycle service life



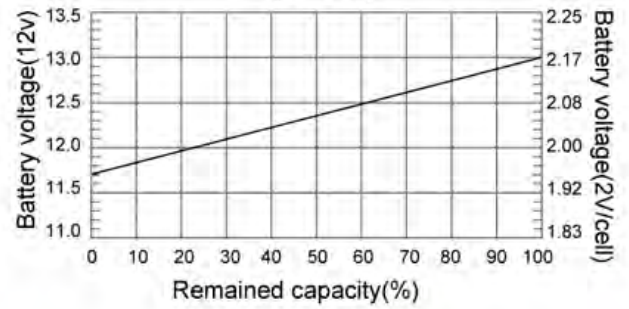
Float service life V'S temperature



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	62.9	40.9	22.9	11.9	10.2	6.04	3.44	1.95	1.62	0.870
1.75	62.3	40.5	22.6	11.8	10.1	5.86	3.38	1.93	1.61	0.860
1.80	61.7	40.1	22.4	11.6	10.1	5.58	3.28	1.91	1.59	0.850

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	755	491	275	143	122	72.5	41.3	23.4	19.3	10.4
1.75	748	486	271	142	121	70.3	40.6	23.2	19.2	10.2
1.80	740	481	269	139	121	67.0	39.4	22.9	18.9	10.1