

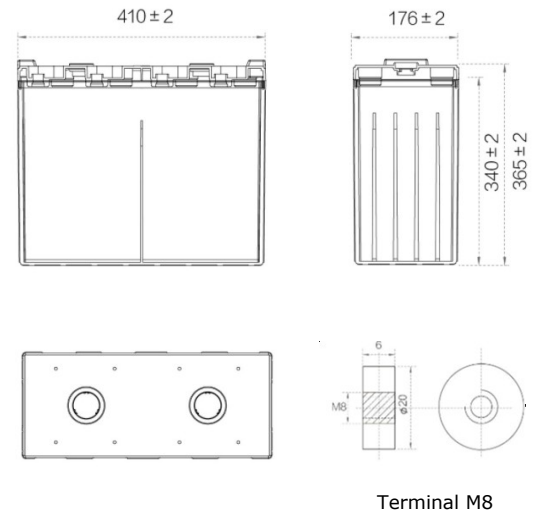
## STANDBY SERIES GFM-800C(2V800AH/10HR)

### Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	800AH	
Dimension	Length	410±2mm(16.14inch)
	Width	175±2mm(6.89inch)
	Height	331±2mm(13.03inch)
	Total Height	365±2mm(14.37inch)
Approx Weight	Approx.52.7kg(+/-4%)	
Terminal Type	M8	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.0.4mΩ	
Rated Capacity	824.80AH	(20hr, 1.75V/cell,25°C/77°F)
	800.00AH	(10hr, 1.75V/cell,25°C/77°F)
	671.05AH	(5hr, 1.75V/cell,25°C/77°F)
	595.98AH	
	424.22AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	4000A(5S)	
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Charge Current Less Than 0.25CA 2.35V~2.45@25°C(77°F)Temp. Coefficient -30mV/°C	
Floating Use	No limit on Initial Charging Current Voltage 2.25V~2.30V@25°C(77°F)Temp. Coefficient -20mV/°C	
Capacity affected by Temperature	40°C	103%
	25°C	100%
	0°C	86%
	-15°C	65%
Self-discharge	3 month	Remaining capacity: 91%
	6 month	Remaining capacity:82%
	12month	Remaining capacity:65%



### Dimensions



Terminal M8

### Constant Power Discharge at 25°C(77°F)

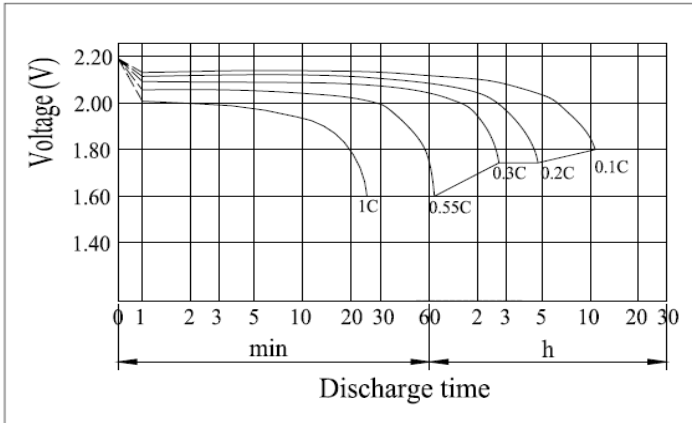
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V/cell	3725	2484	1211	817	506	383	312	259	228	185	155	79,5
1.75V/cell	3770	2513	1225	827	512	387	316	262	230	187	157	80,4
1.70V/cell	4109	2664	1299	860	521	394	321	266	234	191	160	81,8
1.67V/cell	4524	2890	1409	908	527	398	325	269	237	193	162	82,7
1.60V/cell	4901	3041	1483	947	532	403	328	272	239	195	163	83,6

### Constant Current Discharge at 25°C(77°F)

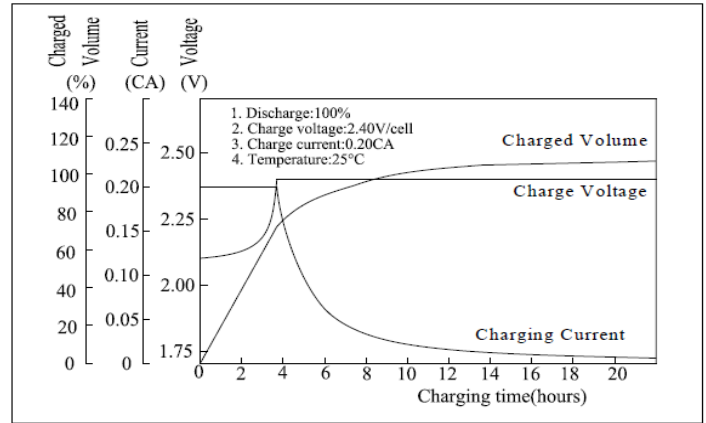
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V/cell	1910	1274	621	419	260	196	160	133	117	95,0	79,6	40,8
1.75V/cell	1933	1289	628	424	263	199	162	134	118	96,1	80,6	41,2
1.70V/cell	2107	1366	666	441	267	202	165	137	120	97,8	80,9	42,0
1.67V/cell	2320	1482	723	466	270	204	167	138	121	98,8	81,0	42,4
1.60V/cell	2513	1560	760	486	273	207	168	140	123	99,9	81,3	42,9

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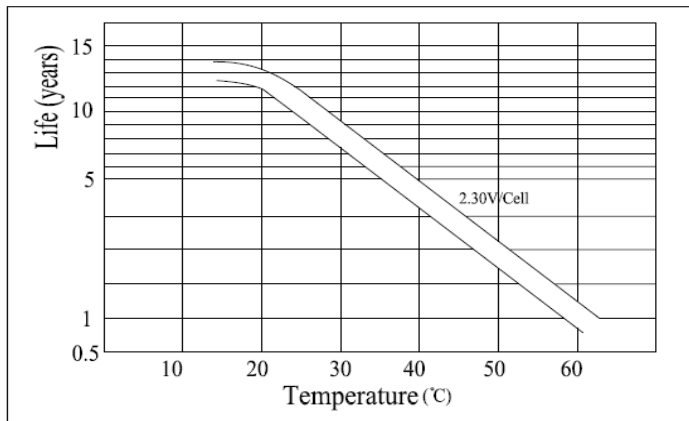
## Discharge Characteristics



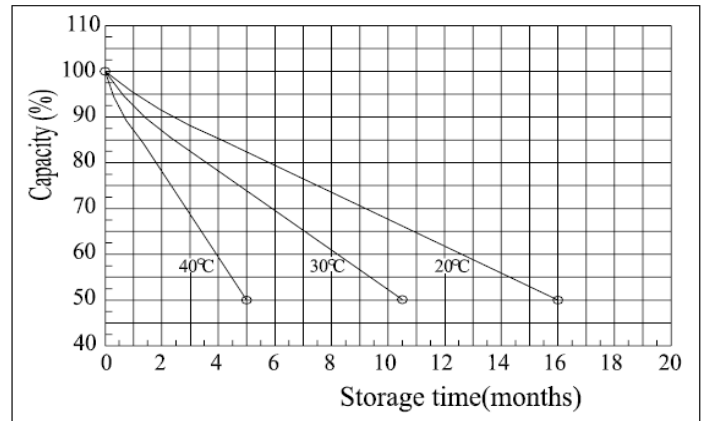
## Float Charging Characteristics



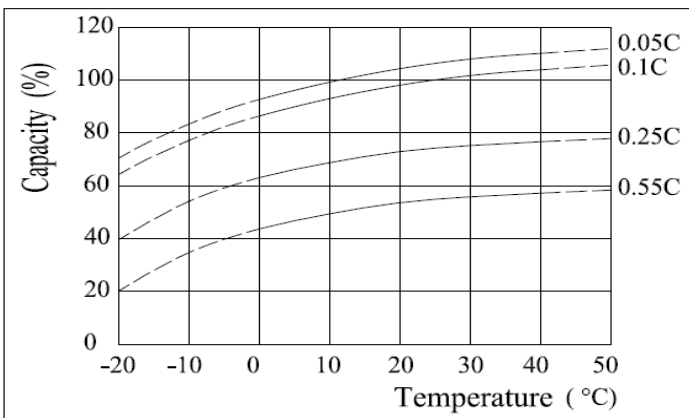
## Floating Life on Temperature



## Self Discharge Characteristics ( 25°C(77°F) )



## Temperature Effects in Relation to Battery Capacity



## Cycle Life Relation to Depth of Discharge

