

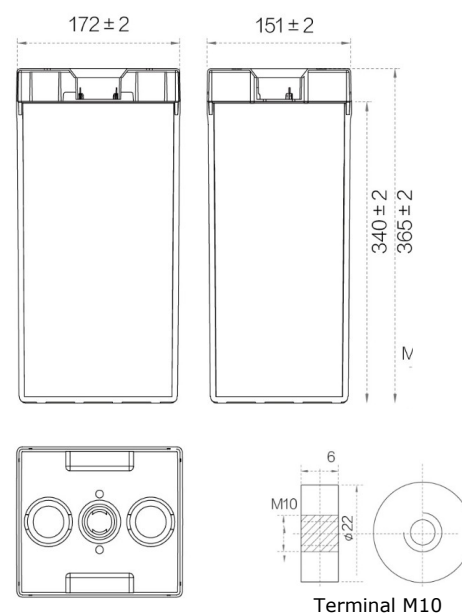
## STANDBY SERIES GFM-300C(2V300AH/10HR)

### Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	300AH	
Dimension	Length	171±2mm(6.73inch)
	Width	151±2mm(5.94inch)
	Height	340±2mm(13.39inch)
	Total Height	365±2mm(14.37inch)
Approx Weight	Approx.19.2kg(+/-4%)	
Terminal Type	M10	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.0.5mΩ	
Rated Capacity	309.20AH	(20hr, 1.75V/cell,25°C/77°F)
	300.00AH	(10hr, 1.75V/cell,25°C/77°F)
	251.65AH	(5hr, 1.75V/cell,25°C/77°F)
	233.50AH	(3hr, 1.75V/cell,25°C/77°F)
	159.08AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	2500A(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

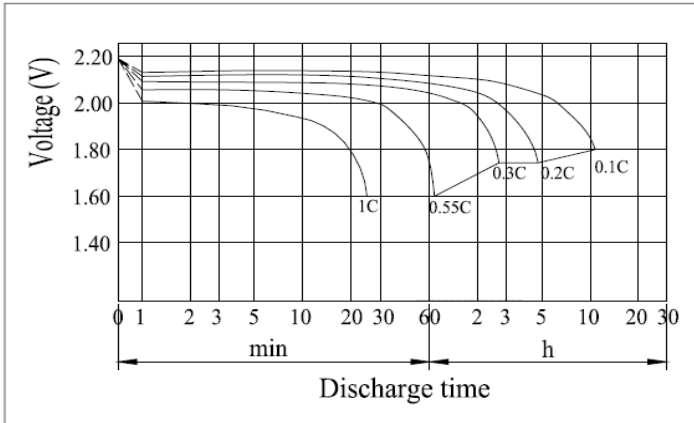


Constant Power Discharge at 25°C(77°F)												
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	1383	922	449	303	188	142	116	96,0	84,5	68,7	57,6	29,5
1.80V/cell	1400	933	455	307	190	144	117	97,2	85,5	69,6	58,3	29,9
1.75V/cell	1526	989	482	319	193	146	119	98,9	87,0	70,8	59,3	30,4
1.70V/cell	1680	1073	523	337	196	148	121	99,9	87,9	71,6	60,0	30,7
1.67V/cell	1820	1129	550	352	198	150	122	101,0	88,9	72,3	60,6	31,0

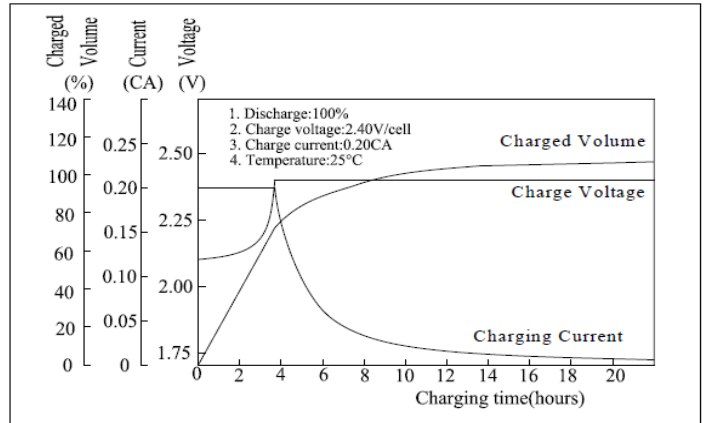
Constant Current Discharge at 25°C(77°F)												
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	709	473	231	156	96	72,9	59,4	49,2	43,3	35,3	29,6	15,1
1.80V/cell	718	479	233	157	97	73,8	60,1	49,8	43,8	35,7	30,0	15,3
1.75V/cell	782	507	247	16	99	75,1	61,2	50,7	44,6	36,3	30,4	15,6
1.70V/cell	861	550	268	173	100	75,9	61,8	51,2	45,1	36,7	30,8	15,8
1.67V/cell	933	579	282	180	101	76,7	62,5	51,8	45,6	37,1	31,1	15,9

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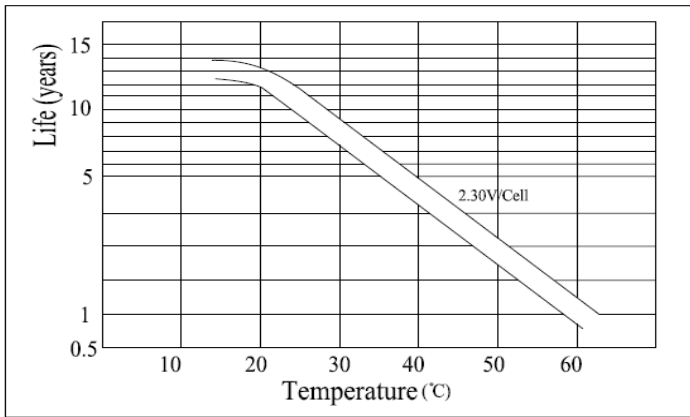
## Discharge Characteristics



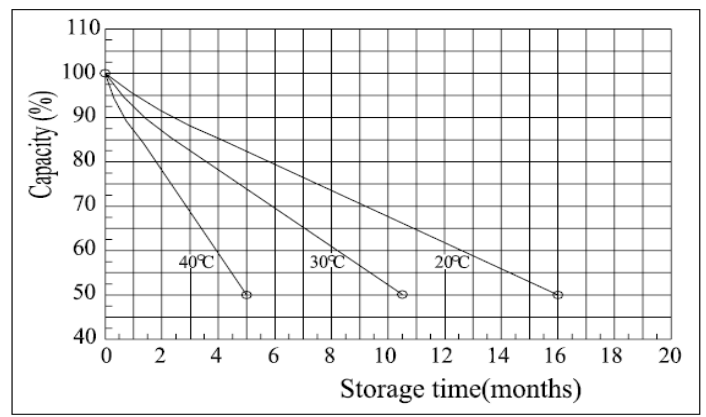
## Float Charging Characteristics



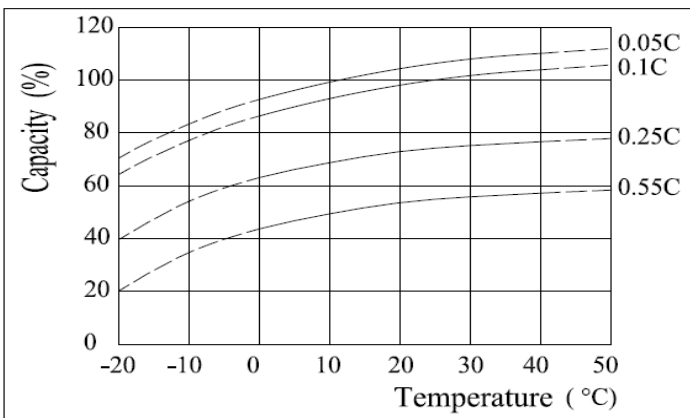
## Floating Life on Temperature



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



## Temperature Effects in Relation to Battery Capacity



## Cycle Life Relation to Depth of Discharge

