

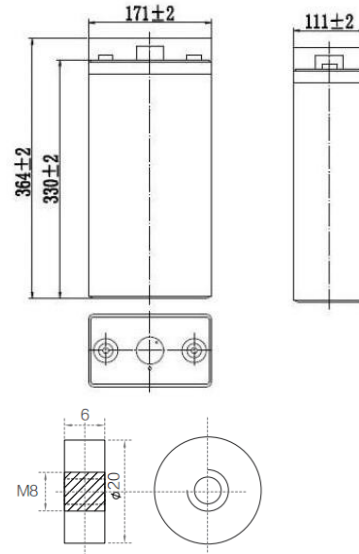
STANDBY SERIES GFM-200C(2V200AH/10HR)

Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	200AH	
Dimension	Length	171±2mm(6.69inch)
	Width	111±2mm(4.33inch)
	Height	330±2mm(13.15inch)
	Total Height	364±2mm(14.37inch)
Approx Weight	Approx. 13.1kg(+/-4%)	
Terminal Type	M8	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.0.5mΩ	
Rated Capacity	210.0AH	(20hr, 1.70V/cell,25°C/77°F)
	200.0AH	(10hr, 1.75V/cell,25°C/77°F)
	170.0AH	(5hr, 1.75V/cell,25°C/77°F)
	150.0AH	(3hr, 1.70V/cell,25°C/77°F)
	50.AH	(1hr, 1.60V/cell,25°C/77°F)
Max. Discharge Current	1600A(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)

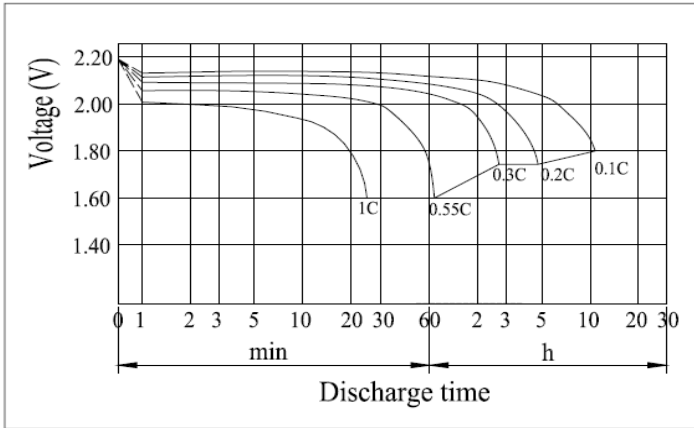
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	458	425	313	189	126	91	69	60	51	43	36	20
1.80V/cell	508	459	323	195	130	95	73	63	54	44	37	20
1.75V/cell	574	471	331	211	132	97	75	64	55	45	37	20
1.70V/cell	612	502	337	222	135	99	76	65	56	46	38	21
1.67V/cell	654	519	347	226	137	101	78	65	57	46	38	21
1.60V/cell	669	546	357	229	140	102	80	65	57	46	39	21

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

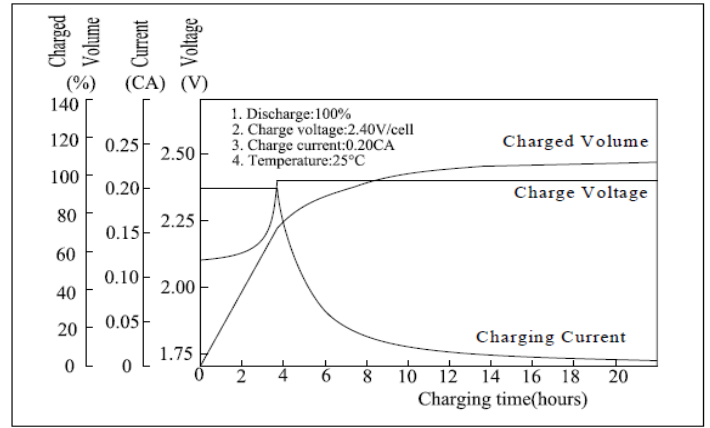
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	270	221	159	91	56,6	45,1	36,5	29,5	25,6	21,6	19,6	10,2
1.80V/cell	296	236	168	95	59,1	46,1	37,5	30,2	26,3	22,0	19,7	10,3
1.75V/cell	310	244	173	100	61,3	47,0	38,1	31,1	27,0	22,4	19,9	10,4
1.70V/cell	332	251	190	103	63,9	48,3	39,1	31,8	27,6	22,7	20,1	10,5
1.67V/cell	348	270	198	106	65,4	50,2	40,7	32,7	28,2	23,2	20,5	10,6
1.60V/cell	365	281	206	110	67,7	51,8	41,6	33,7	28,8	23,3	20,9	11,0

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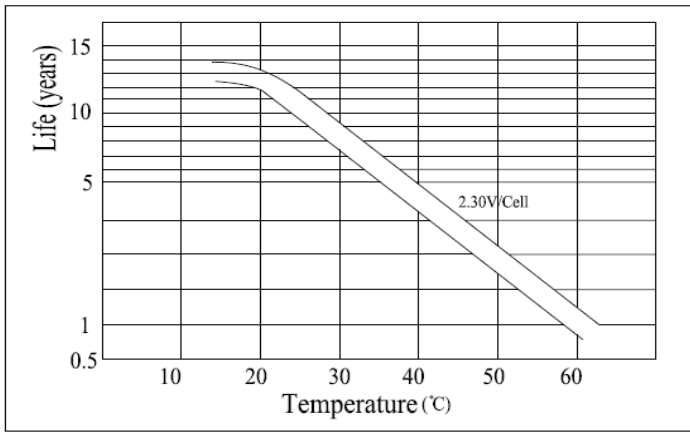
Discharge Characteristics



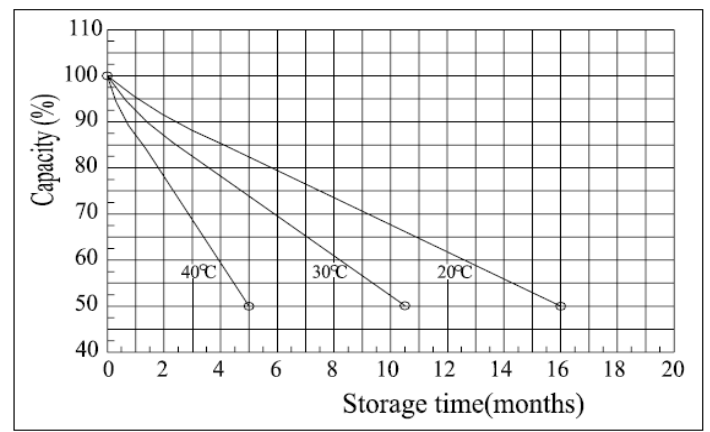
Float Charging Characteristics



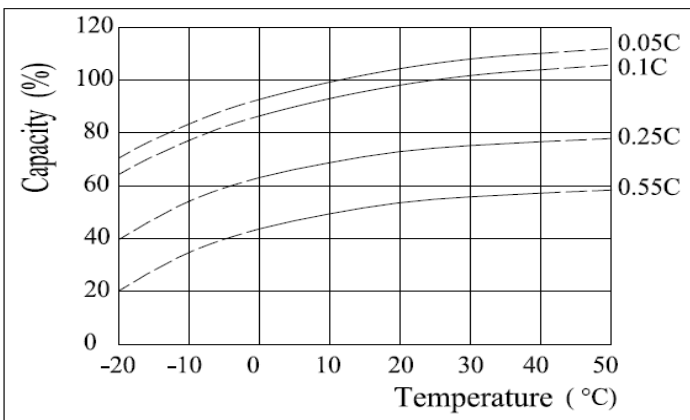
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

