

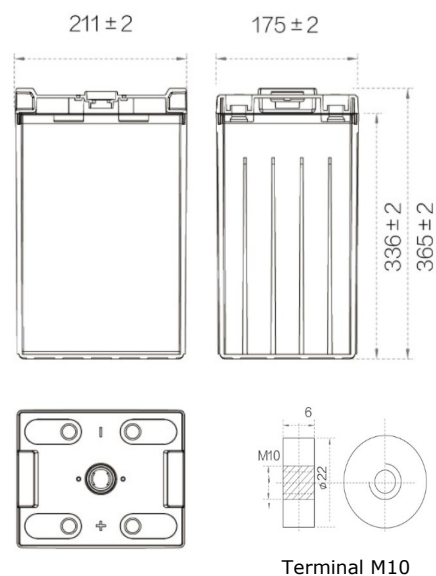
STANDBY SERIES GFM-400C(2V400AH/10HR)

Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	400AH	
Dimension	Length	210±2mm(8.27inch)
	Width	175±2mm(6.89inch)
	Height	334±2mm(13.15inch)
	Total Height	365±2mm(14.37inch)
Approx Weight	Approx.26.5kg(+ -4%)	
Terminal Type	M10	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.0.7mΩ	
Rated Capacity	412.60AH	(20hr, 1.75V/cell,25°C/77°F)
	400.00AH	(10hr, 1.75V/cell,25°C/77°F)
	335.50AH	(5hr, 1.75V/cell,25°C/77°F)
	297.96AH	(3hr, 1.75V/cell,25°C/77°F)
	212.11AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	3200A(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)

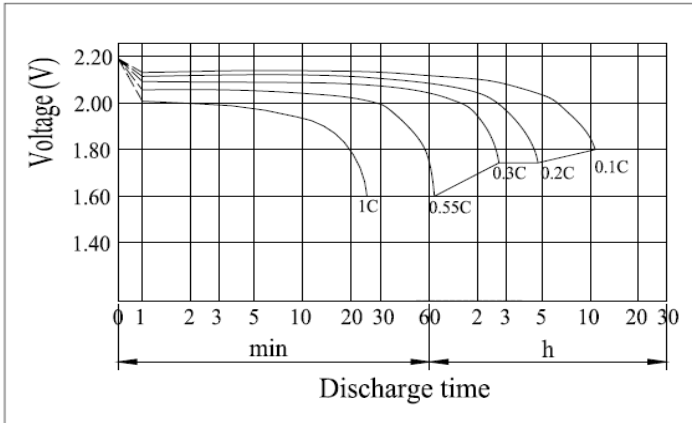
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V/cell	1863	1242	605	409	253	191	156	129	114	92,6	77,6	39,7
1.75V/cell	1885	1257	613	414	256	194	158	131	115	93,7	78,5	40,2
1.70V/cell	2055	1332	649	430	261	197	161	133	117	95,4	79,9	40,9
1.67V/cell	2262	1445	705	454	263	199	162	135	118	96,4	80,8	41,4
1.60V/cell	2451	1521	741	474	266	201	164	136	120	97,4	81,7	41,8

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

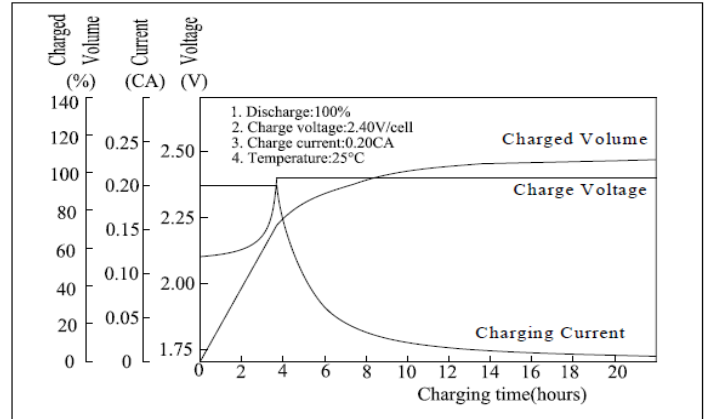
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V/cell	955	637	310	210	130	98	80,0	66,3	58,3	47,5	39,8	20,4
1.75V/cell	967	644	314	212	131	99	81,0	67,1	59,0	48,0	40,3	20,6
1.70V/cell	1054	683	333	221	134	101	82,4	68,3	60,1	48,9	41,0	21,0
1.67V/cell	1160	741	361	233	135	102	83,3	69,0	60,7	49,4	41,4	21,2
1.60V/cell	1257	780	380	243	137	103	84,2	69,8	61,4	20,1	41,9	21,4

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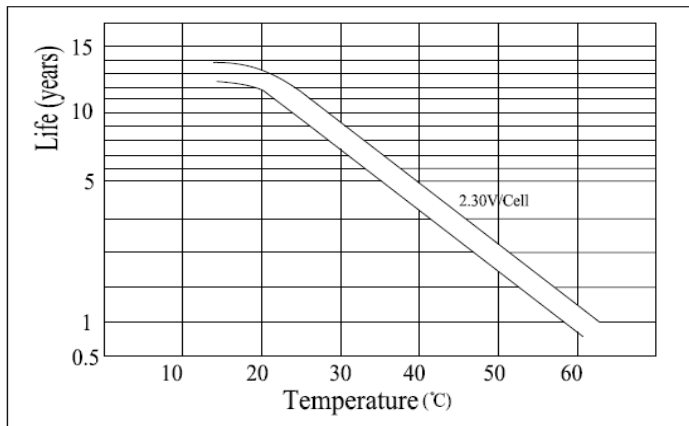
Discharge Characteristics



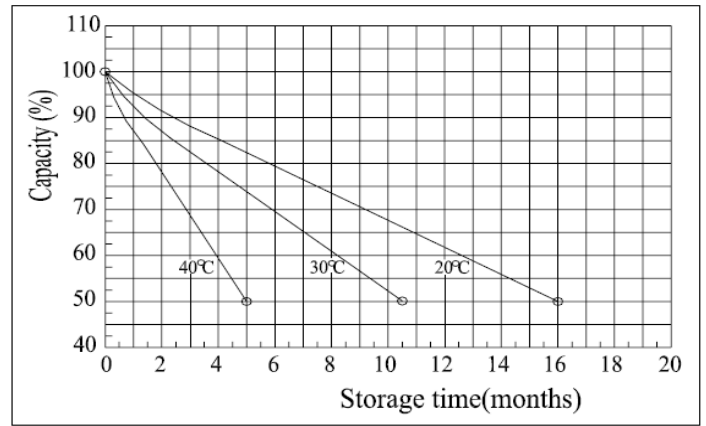
Float Charging Characteristics



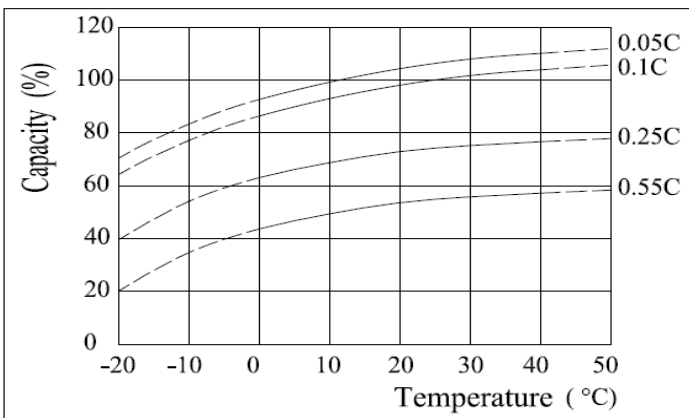
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

