

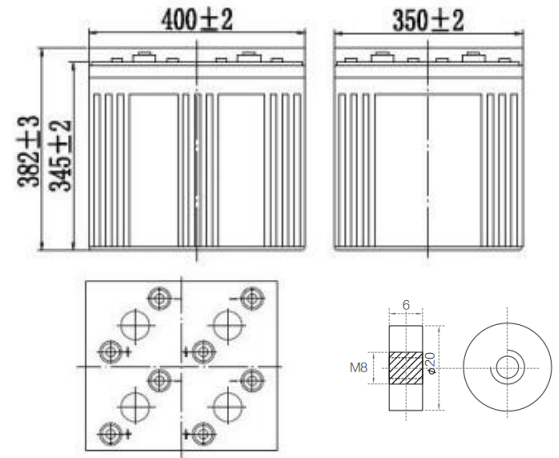
STANDBY SERIES GFM-1500C(2V1500AH/10HR)

Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	1500AH	
Dimension	Length	400±2mm(15.75inch)
	Width	350±2mm(13.78inch)
	Height	345±2mm(13.58inch)
	Total Height	382±2mm(15.04inch)
Approx Weight	Approx.92.0kg(+ -4%)	
Terminal Type	M8	
container Material	ABS(UL94-V0)	
Internal Resistance	Approx. 0.5mΩ	
Rated Capacity	1540AH	(20hr, 1.75V/cell,25°C/77°F)
	1500AH	(10hr, 1.75V/cell,25°C/77°F)
	1200AH	(5hr, 1.70V/cell,25°C/77°F)
	1150AH	(3hr, 1.70V/cell,25°C/77°F)
	830AH	(1hr, 1.70V/cell,25°C/77°F)
Max. Discharge Current	10000A(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)

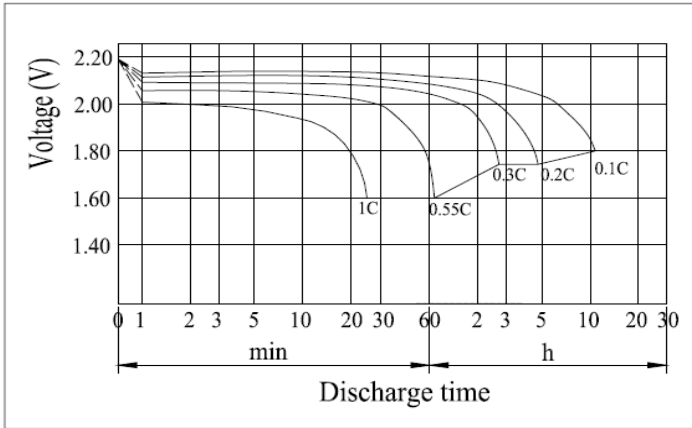
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V/cell	3991	3610	2537	1531	1018	748	576	496	425	350	277	150
1.75V/cell	4511	3705	2606	1659	1040	762	590	504	433	356	280	151
1.70V/cell	4807	3943	2650	1745	1061	776	597	511	440	359	283	155
1.67V/cell	5140	4082	2726	1780	1075	790	612	513	445	361	286	156
1.60V/cell	5261	4293	2808	1801	1104	797	627	515	449	362	291	157

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

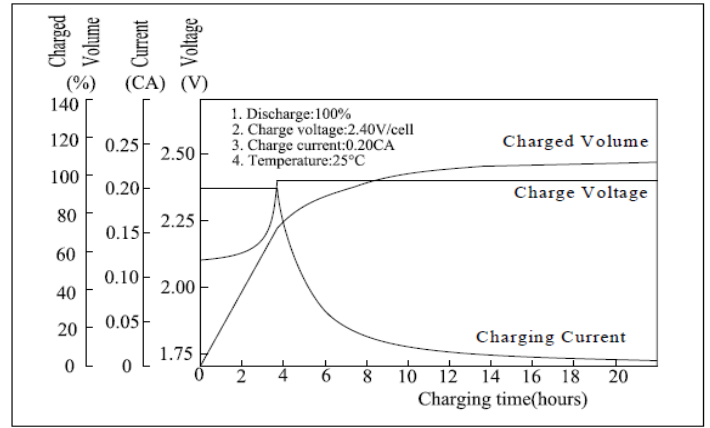
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V/cell	2327	1852	1319	748	464	362	293	238	207	170	148	75,8
1.75V/cell	2437	1917	1363	783	482	368	300	244	213	173	150	76,6
1.70V/cell	2608	1972	1493	808	501	379	308	250	217	175	151	77,3
1.67V/cell	2734	2119	1558	835	515	395	319	257	222	178	152	78,0
1.60V/cell	2872	2204	1616	864	532	407	329	266	227	180	152	78,7

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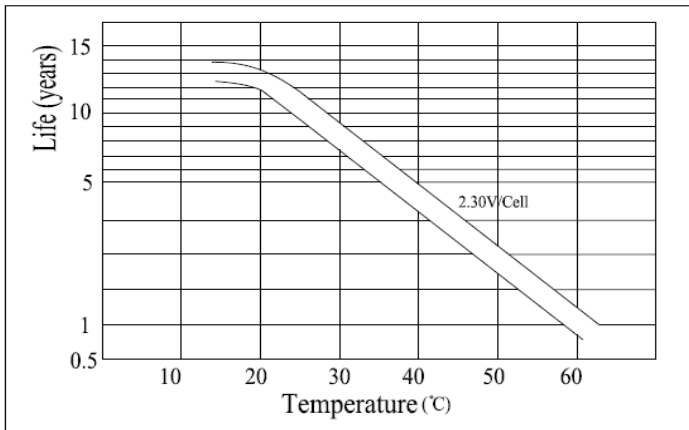
Discharge Characteristics



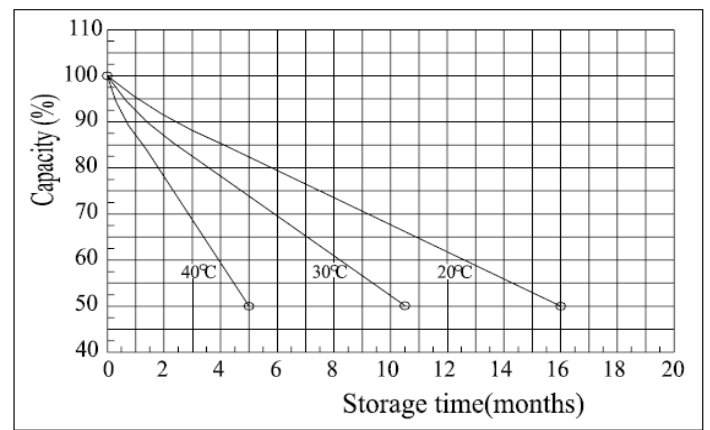
Float Charging Characteristics



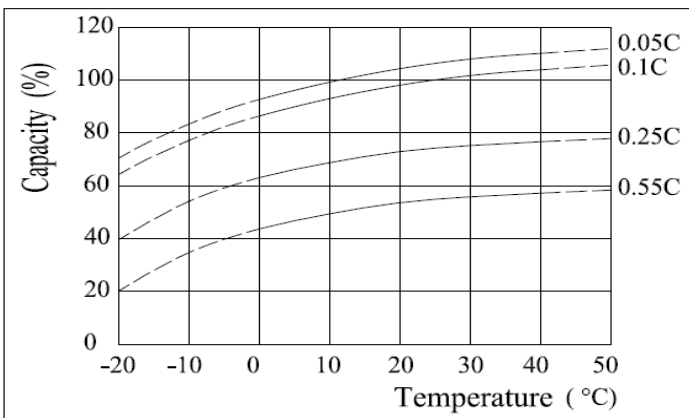
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

