

Product Features

- Patent rectangular gridding grid design which provide long floating life;
- Patent positive plate 4BS technology and patent negative plate diachylon formula, high temperature and high humidity curing process, battery has good cycle performance;
- Patent multi-layer polarity sealing structure, safety and reliable leakage-proof performance
- Patent labyrinth type, double-layer and explosion-proof acid filter valve, high efficiency of oxygen compound

Application

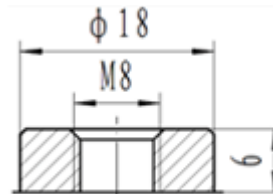
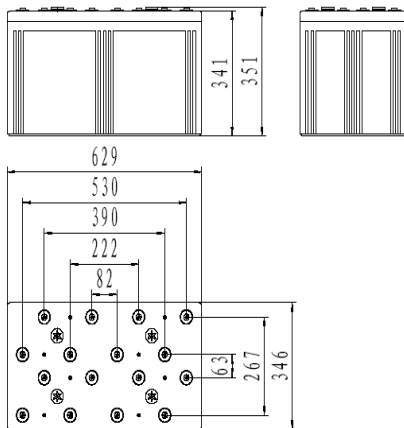
- Telecom
- Wireless and fixed communication application field;
- General electronic;
- Universal;
- EPS/UPS

Compliant Standards

- GB/T 19638.2-2005
- YD/T 799-2010
- DL/T 637-1997
- IEC 60896-21/22: 2004
- JIS C8704-1: 2006
- JIS C8704-2: 2006
- Passed ISO9001、ISO14001、OHSAS18001、UL、CE and TLC certificate
- Eurobat guide;

Safety

- installation compliant with:EN50272-2

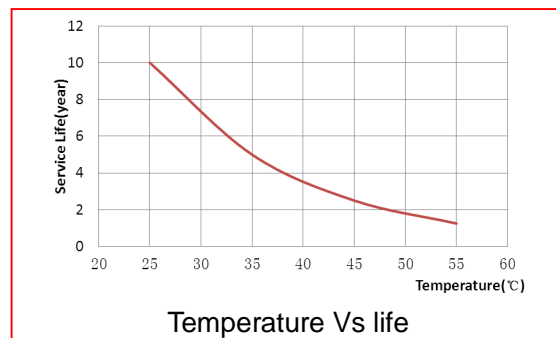
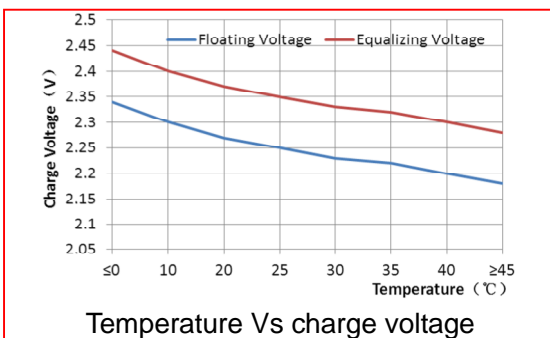
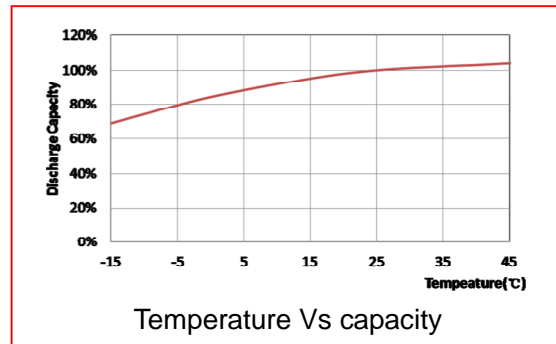
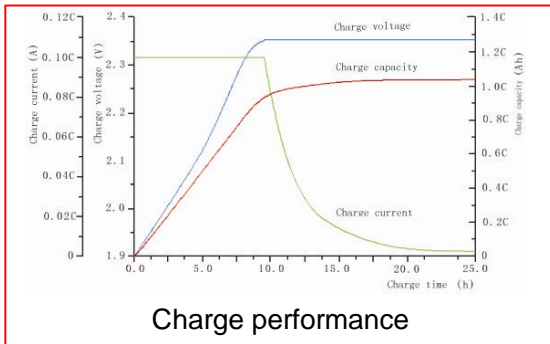

GFM-27

Battery Model	GFM-3000C			
Designed Life	15Years			
Capacity(25°C)	10HR(300A,1.80V)	5HR(510A,1.80V)	3HR(750A,1.80V)	1HR(1650A,1.75V)
	3000AH	2550AH	2250AH	1650AH
Dimensions	Length	Width	Height	Total Height
	629mm	346mm	341mm	351mm
Approx. Weight	174.0kg			
Internal Resistance	0.09mΩ for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum Discharge Current	13000A(5 Sec.)			
Self Discharge	≤1% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	2.35V(-3.5mV/°C), max charge current:450A		2.25V(-3.5mV/°C)	

Discharge parameter:

Constant current discharge data (25°C, A)																			
End voltage (V/cell)	min							h											
	5	10	15	20	30	40	50	1	1.5	2	3	4	5	6	7	8	9	10	24
1.60	6300	4867	4027	3467	2752	2306	1997	1740	1335	1084	799	637	535	466	412	370	336	309	132
1.65	5727	4457	3722	3230	2596	2196	1916	1710	1303	1065	788	629	529	461	409	366	333	307	131
1.70	5230	4090	3443	3009	2447	2088	1834	1660	1269	1046	777	621	523	456	405	363	329	304	131
1.75	4575	3767	3242	2868	2364	2032	1793	1650	1249	1027	764	613	516	451	401	360	326	302	130
1.80	4016	3487	3060	2735	2276	1965	1737	1571	1214	1003	750	604	510	445	396	356	323	300	129

Constant power discharge data (25°C, W/cell)																			
End voltage (V/cell)	min							h											
	5	10	15	20	30	40	50	1	1.5	2	3	4	5	6	7	8	9	10	24
1.60	9180	7891	6653	5890	4634	3886	3437	3060	2382	1968	1462	1167	990	870	785	712	651	595	265
1.65	8433	7163	6096	5432	4305	3659	3267	2955	2291	1901	1422	1140	972	853	775	703	641	584	262
1.70	7443	6563	5670	5079	4018	3470	3091	2870	2232	1849	1393	1119	959	841	764	695	634	579	258
1.75	6669	6069	5285	4722	3767	3260	2952	2735	2169	1803	1364	1099	941	831	756	686	624	571	254
1.80	6129	5569	4842	4349	3532	3080	2845	2612	2103	1754	1336	1079	925	818	743	677	616	565	250

Performance Curve:


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