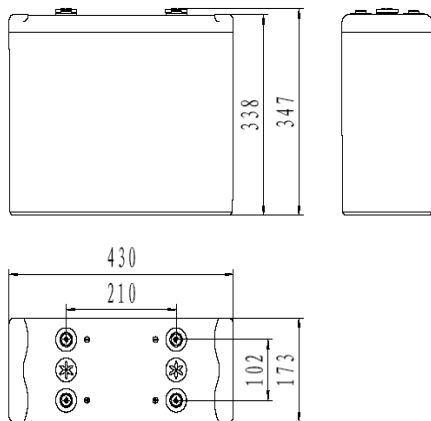


**Product Features**

- 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**

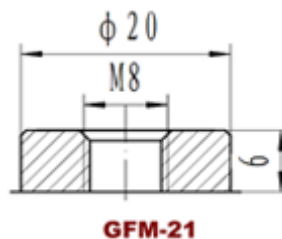
- Telecom
- Wireless and fixed communication application field;
- General electronic;
- Universal;
- EPS/UPS

**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

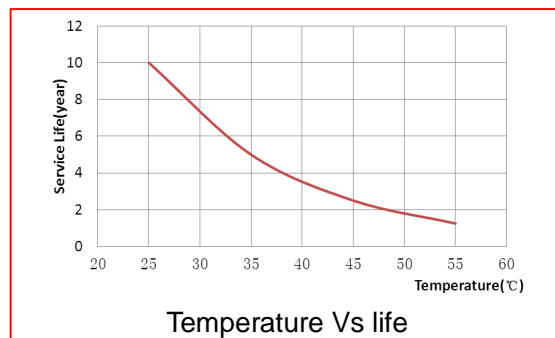
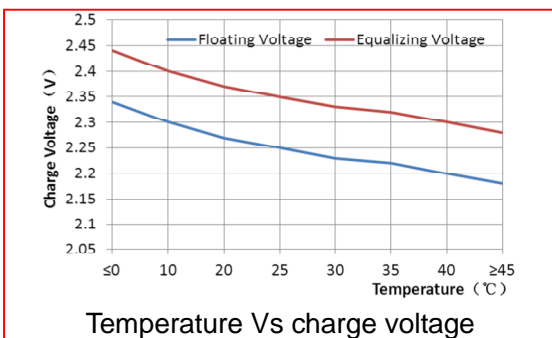
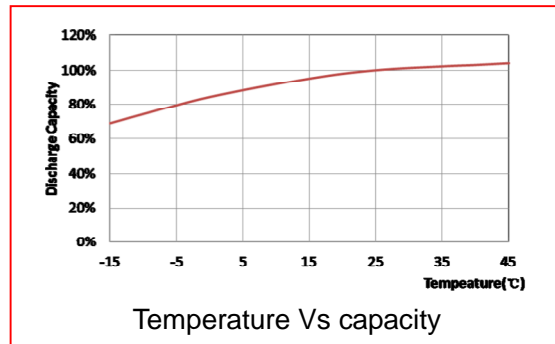
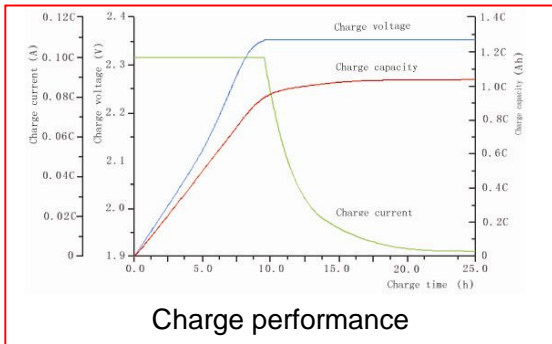


Battery Model	GFM-1000C			
Designed Life	15Years			
Capacity(25°C)	10HR(100A,1.80V)	5HR(170A,1.80V)	3HR(250A,1.80V)	1HR(550A,1.75V)
	1000AH	850AH	750AH	550AH
Dimensions	Length	Width	Height	Total Height
	430mm	173mm	338mm	347mm
Approx. Weight	59.5kg			
Internal Resistance	0.17mΩ for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum Discharge Current	5000A(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:150A		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	2100	1622	1342	1156	917	769	666	580	445	361	266	212	178	155	137	123	112	103	44.1
1.65	1909	1486	1241	1077	865	732	639	570	434	355	263	210	176	154	136	122	111	102	43.8
1.70	1743	1363	1148	1003	816	696	611	553	423	349	259	207	174	152	135	121	110	101	43.5
1.75	1525	1256	1081	956	788	677	598	550	416	342	255	204	172	150	134	120	109	101	43.3
1.80	1339	1162	1020	912	759	655	579	524	405	334	250	201	170	148	132	119	108	100	43.0

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	3060	2630	2218	1963	1545	1295	1146	1020	794	656	487	389	330	290	262	237	217	198	88.5
1.65	2811	2388	2032	1811	1435	1220	1089	985	764	634	474	380	324	284	258	234	214	195	87.4
1.70	2481	2188	1890	1693	1339	1157	1030	957	744	616	464	373	320	280	255	232	211	193	86.1
1.75	2223	2023	1762	1574	1256	1087	984	912	723	601	455	366	314	277	252	229	208	190	84.8
1.80	2043	1856	1614	1450	1177	1027	948	871	701	585	445	360	308	273	248	226	205	188	83.4

**Performance Curve:**


Address: NO.1 Shengyang Road, Qufu, Shandong 273100 China

Tel: +86-537-4438666-6028

Fax: +86-537-4411936

E-mail: sales@sacredsun.cn

<http://www.sacredsun.com>