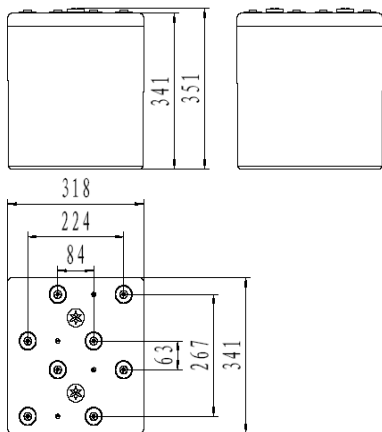


Product Features

- 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

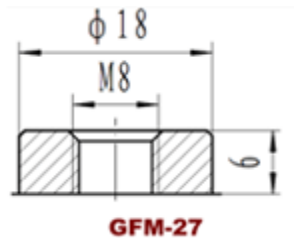
- Telecom
- Wireless and fixed communication application field;
- General electronic;
- Universal;
- EPS/UPS

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

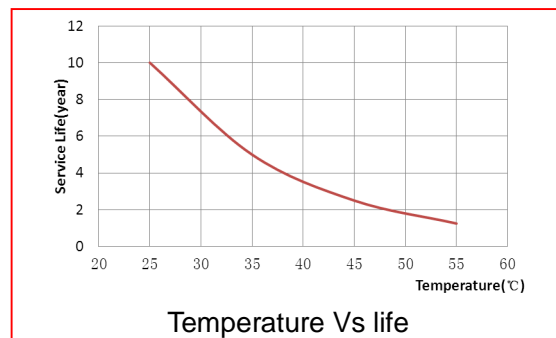
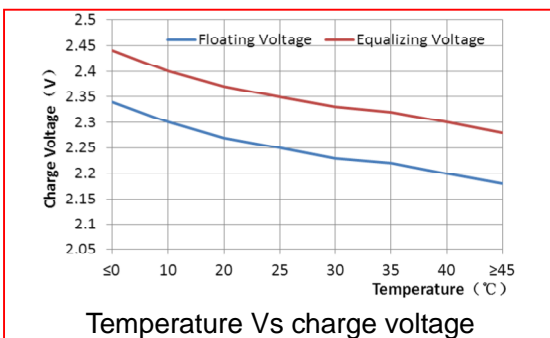
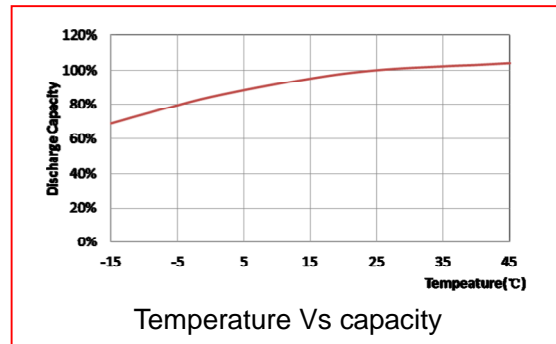
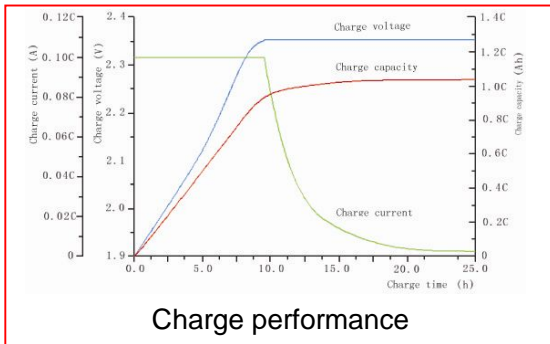


Battery Model	GFM-1500C			
Designed Life	15Years			
Capacity(25°C)	10HR(150A,1.80V)	5HR(255A,1.80V)	3HR(375A,1.80V)	1HR(825A,1.75V)
	1500AH	1275AH	1125AH	825AH
Dimensions	Length	Width	Height	Total Height
	318mm	341mm	341mm	351mm
Approx. Weight	86.5kg			
Internal Resistance	0.18m Ω for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum Discharge Current	7500A(5 Sec.)			
Self Discharge	$\leq 1\%$ per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	2.35V(-3.5mV/°C), max charge current:225A		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	3150	2433	2014	1733	1376	1153	999	870	667	542	400	318	268	233	206	185	168	155	66.1
1.65	2864	2228	1861	1615	1298	1098	958	855	651	533	394	314	264	230	204	183	166	153	65.7
1.70	2615	2045	1721	1505	1223	1044	917	830	635	523	388	310	261	228	203	182	165	152	65.3
1.75	2287	1884	1621	1434	1182	1016	896	825	625	514	382	306	258	225	201	180	163	151	64.9
1.80	2008	1744	1530	1368	1138	982	869	786	607	502	375	302	255	222	198	178	161	150	64.4

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	4590	3945	3327	2945	2317	1943	1718	1530	1191	984	731	583	495	435	392	356	325	297	133
1.65	4217	3582	3048	2716	2153	1830	1634	1478	1145	950	711	570	486	426	387	352	321	292	131
1.70	3722	3282	2835	2540	2009	1735	1546	1435	1116	925	696	560	480	421	382	347	317	289	129
1.75	3335	3035	2642	2361	1884	1630	1476	1368	1085	901	682	549	471	416	378	343	312	286	127
1.80	3065	2785	2421	2175	1766	1540	1423	1306	1052	877	668	539	463	409	371	338	308	283	125

Performance Curve:


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

Tel: +86-537-4438666-6028

Fax: +86-537-4411936

E-mail: sales@sacredsun.cn

http://www.sacredsun.com