

Product Features

- Patent rectangular gridding grid design which provide long service life;
- Special negative active material additives to improve the performance of high and low temperature and battery charge receptivity;
- Patent positive plate 4BS technology, high temperature and high humidity curing process which provide high cycle capability;
- Polar group tight assembly technology, effectively prevent the active material softening and shedding.

Application

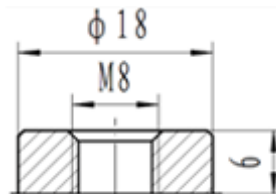
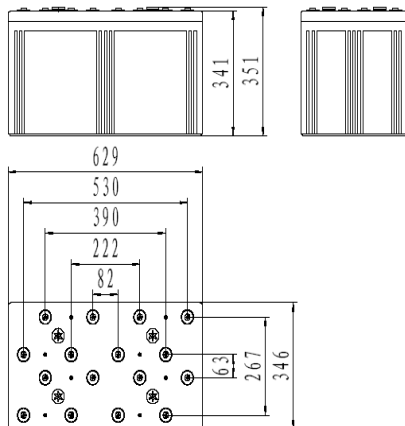
- Solar energy system
- Wind energy system
- Wind and solar complementary energy system

Compliant Standards

- GB/T 22473-2008
- IEC 61427-2005
- JIS C8704-1: 2006
- JIS C8704-2: 2006
- Passed ISO9001、ISO14001、OHSAS18001、UL、CE and Golden Sun certificate
- Eurobat guide;

Safety

- installation compliant with:EN50272-2

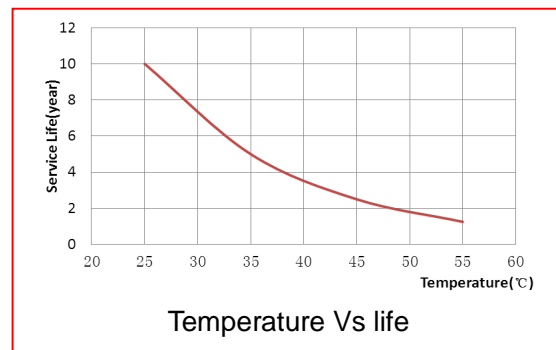
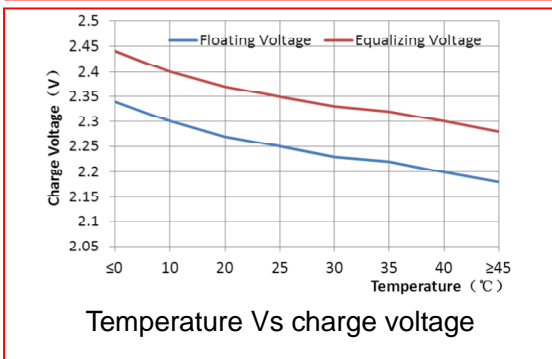
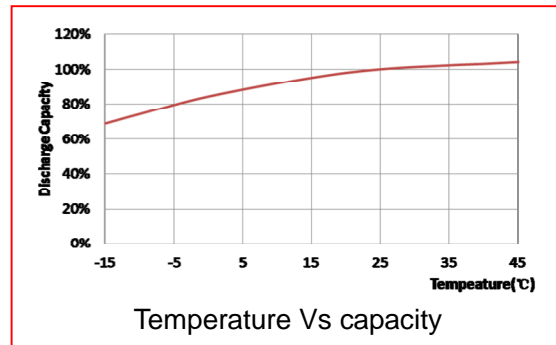
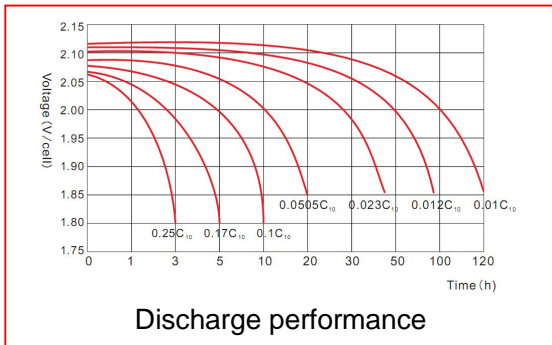

GFM-27

Battery Model	GFMU-3000C			
Designed Life	15Years			
Capacity(25℃)	120HR(30.0A,1.85V)	20HR(153A,1.80V)	10HR(300A,1.80V)	
	3600AH	3060AH	3000AH	
Dimensions	Length	Width	Height	Total Height
	629mm	346mm	341mm	351mm
Approx. Weight	174kg			
Internal Resistance	0.09mΩ for fully charged battery at 25℃ Test instrumentation: HIOKI 3551 BATTERY HITESTER (25			
Max Discharge Current	13000A(5 Sec.)			
Self Discharge	≤1% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	2.35V(-3.5mV/℃), max charge		2.25V(-3.5mV/℃)	

Discharge parameter:

Constant current discharge data (25°C, A)																	
End voltage (V/cell)	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h	24h	48h	96h	120h	240h
1.75	1650	1035	760	615	515	451	402	363	332	302	254	155	133	71.0	37.0	30.8	15.7
1.80	1580	1000	750	605	510	446	397	360	329	300	250	153	131	70.0	36.8	30.4	15.6
1.85	1460	945	710	570	495	433	386	351	322	296	247	151	130	69.0	36.6	30.0	15.5
1.90	1360	880	670	545	475	418	374	341	316	291	243	149	128	68.0	36.5	29.6	15.4
1.95	1225	820	630	525	456	403	364	333	310	286	240	147	127	67.5	36.3	29.2	15.3

Constant power discharge data (25°C, W/cell)																	
End voltage (V/cell)	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h	24h	48h	96h	120h	240h
1.75	2735	1803	1364	1099	941	831	756	686	624	571	488	308	265	139	71.7	59.3	31.1
1.80	2612	1754	1336	1079	925	818	743	677	616	565	483	305	263	138	71.4	58.9	31.0
1.85	2504	1697	1302	1057	905	805	730	668	604	553	477	303	261	138	71.0	58.7	30.8
1.90	2395	1647	1265	1033	885	789	717	657	593	540	472	300	259	137	70.8	58.4	30.7
1.95	2263	1584	1230	1009	862	773	704	641	581	531	464	298	258	137	70.5	58.1	30.6

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>