

Product Features

- Sulfuric acid immobilized as a gel using the gaseous SiO₂ which imported from Germany as main electrolyte, The GEL state electrolyte prevents leakage and layering;
- Low resistance PVC-SiO₂ micro-porous separator ensure low internal resistance;
- Paste type, thick plate design, good corrosion resistance, long service life;
- Advanced gel technology, the battery has good charge acceptance ability and good performance in poor power supply condition.

Application

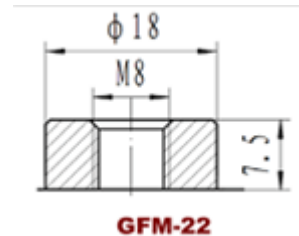
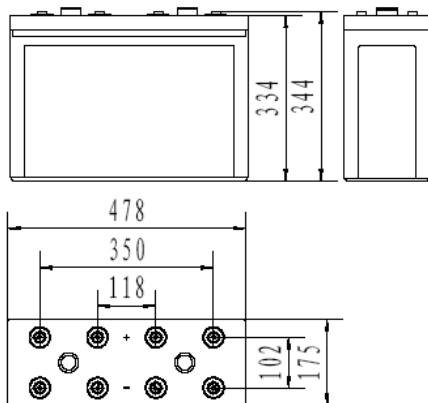
- Telecom
- Nuclear power, standby power supply
- Renewable Energy;
- CATV
- General electronic
- EPS/UPS

Compliant Standards

- IEC 60896-21/22: 2004
- IEC 61427-2005
- DIN43539-T5 1984
- YD/T1360-2005
- GB/T 22473-2008
- Passed ISO9001、ISO14001、OHSAS18001、UL and CE certificate
- Eurobat guide;

Safety

- installation compliant with:EN50272-2

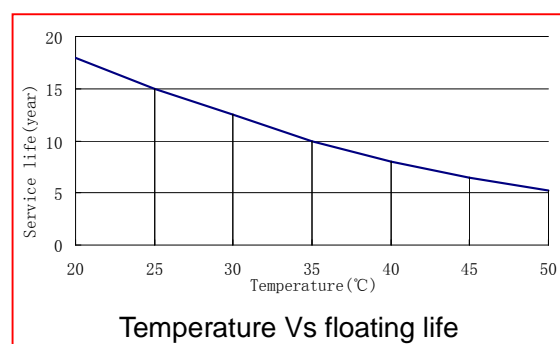
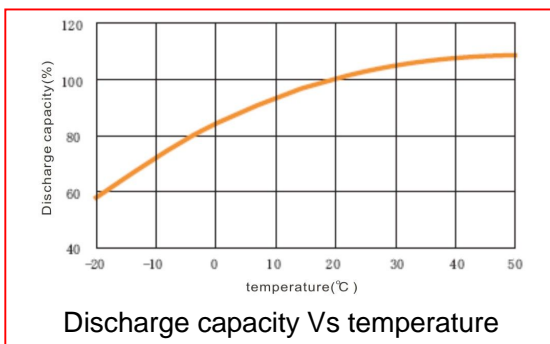
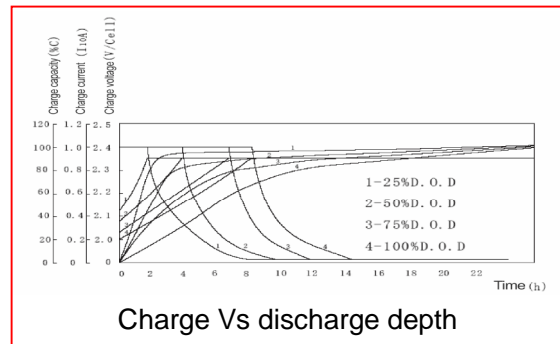
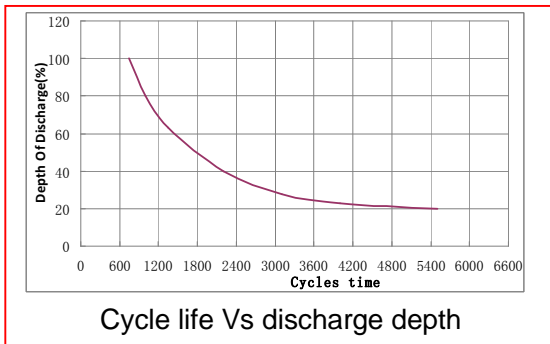


Battery Model	GFMJ-1000			
Designed Life	15 Years			
Capacity(25°C)	10HR(100A,1.80V)	5HR(175A,1.80V)	3HR(256A,1.80V)	1HR(560A,1.80V)
	1000AH	875AH	768AH	560AH
Dimensions	Length	Width	Height	Total Height
	478mm	175mm	334mm	344mm
Approx. Weight	71kg			
Internal Resistance	0.24m Ω			
Max Discharge Current	5520A(3 Sec.)			
Self Discharge	≤2% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	2.33V(-3.5mV/°C), max charge current:200A		2.23V(-3.5mV/°C)	

Discharge parameter:

Constant current discharge data (25°C, A)																		
End voltage (V/cell)	5min	10 min	15 min	20 min	30 min	1h	2h	3h	5h	6h	8h	10h	20h	24h	48h	100h	120h	240h
1.65	1700	1550	1440	1300	1010	625	375	275	190	170	133	112.5	56.5	47.8	24.3	12.5	10.9	5.8
1.70	1600	1475	1300	1135	950	615	368.5	272	185.5	161	129	106.5	55.5	47.4	24.3	12.5	10.9	5.8
1.75	1500	1395	1240	1095	920	605	361.5	268	182	158.5	126.5	104.5	55	47.1	24.3	12.5	10.9	5.8
1.80	1400	1325	1145	1010	850	560	347	256	175	152.5	121.5	100	54	46.8	24.3	12.5	10.9	5.8
1.85	1200	1145	1045	945	795	540	326.5	240	164.5	143	114	94.5	51	46.5	24.3	12.5	10.9	5.8

Constant power discharge data (25°C, W/cell)																		
End voltage (V/cell)	5min	10min	15min	20min	30min	1h	2h	3h	5h	6h	8h	10h	20h	24h	48h	100h	120h	240h
1.65	2970	2755	2590	2355	1845	1160	700	520	360	251	200	165	84.5	91.5	48.6	25	22	11.7
1.70	2845	2670	2375	2090	1755	1150	695	520	355	243	193	160	83.5	91.5	48.6	25	22	11.7
1.75	2735	2575	2310	2050	1730	1145	690	515	350	235	186	154	82.5	91.5	48.6	25	22	11.7
1.80	2615	2490	2170	1915	1625	1070	675	495	340	226	179	150	80.5	91.5	48.6	25	22	11.7
1.85	2290	2195	2010	1830	1545	1055	640	470	325	215	171	142	76.5	88	48.6	25	22	11.7

Performance Curve:


ISO9001 ISO14001 OHSAS18001

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