

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

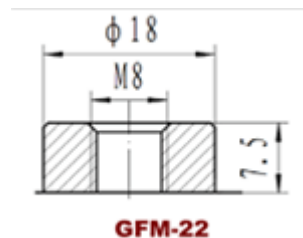
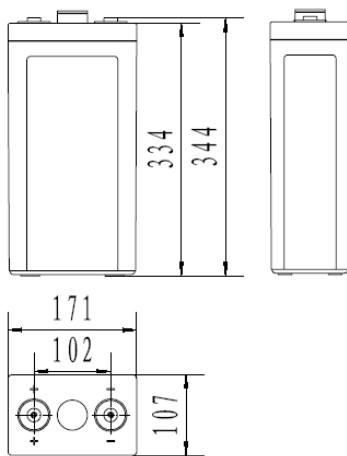
- Telecom
- Nuclear power, standby power supply
- Renewable Energy;
- CATV
- General electronic
- EPS/UPS

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

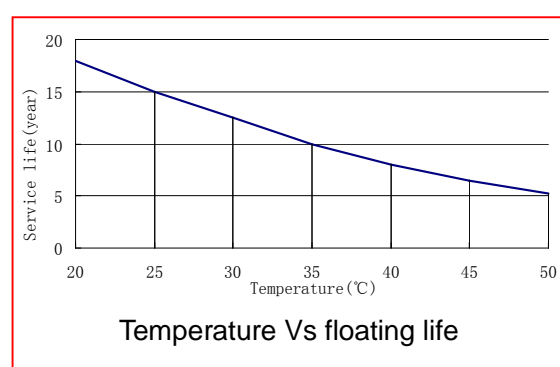
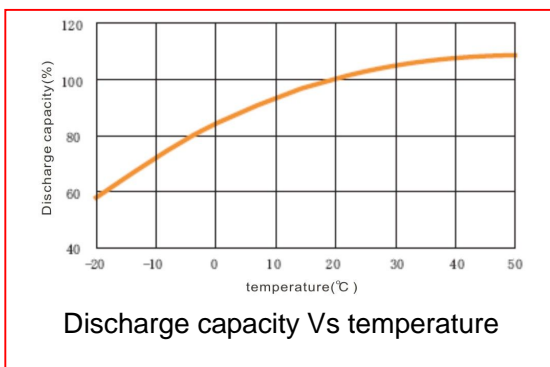
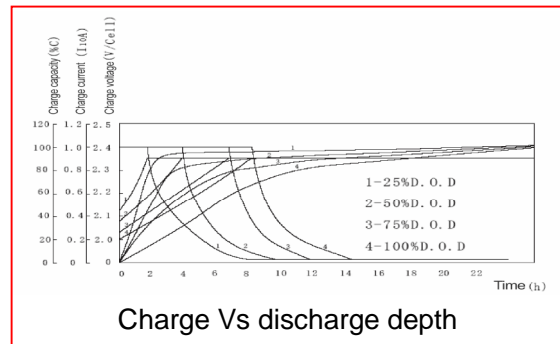
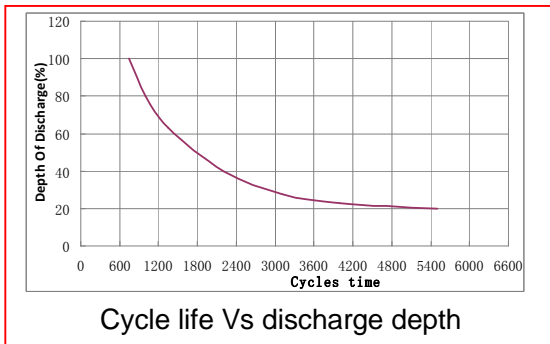

GFM-22

Battery Model	GFMJ-200			
Designed Life	15 Years			
Capacity(25°C)	10HR(20A,1.80V)	5HR(35A,1.80V)	3HR(51.2A,1.80V)	1HR(112A,1.80V)
	200AH	175AH	153.6AH	112AH
Dimensions	Length	Width	Height	Total Height
	171mm	107mm	334mm	344mm
Approx. Weight	14.8kg			
Internal Resistance	0.68mΩ			
Max Discharge Current	1748A(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:40A		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	340	310	288	260	202	125	75	55	38	34	26.6	22.1	11.2	9.45	4.86	2.51	2.18	1.16
1.70	320	295	260	227	190	123	73.7	54.4	37.1	32.2	25.8	21.3	10.8	9.2	4.86	2.51	2.18	1.16
1.75	300	279	248	219	184	121	72.3	53.6	36.4	31.7	25.3	20.9	10.6	9.1	4.86	2.51	2.18	1.16
1.80	280	265	229	202	170	112	69.4	51.2	35	30.5	24.3	20	10.2	9.02	4.86	2.51	2.18	1.16
1.85	240	229	209	189	159	108	65.3	48	32.9	28.6	22.8	18.9	9.8	8.9	4.86	2.51	2.18	1.16

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	594	551	518	471	369	232	140	104	72	50.1	40.0	33.0	18.30	16.9	9.72	5.00	4.40	2.34
1.70	569	534	475	418	351	230	139	104	71	48.6	38.5	31.9	18.30	16.7	9.72	5.00	4.40	2.34
1.75	547	515	462	410	346	229	138	103	70	46.9	37.2	30.7	18.30	16.5	9.72	5.00	4.40	2.34
1.80	523	498	434	383	325	214	135	99	68	45.2	35.8	30.0	18.30	16.1	9.72	5.00	4.40	2.34
1.85	458	439	402	366	309	211	128	94	65	42.9	34.1	28.3	17.60	15.3	9.72	5.00	4.40	2.34

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>