

**Product Features**

- Sulfuric acid immobilized as a gel using the gaseous SiO<sub>2</sub> which imported from Germany as main electrolyte, The GEL state electrolyte prevents leakage and layering;
- Low resistance PVC-SiO<sub>2</sub> 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**

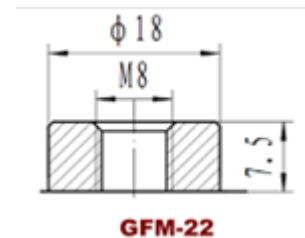
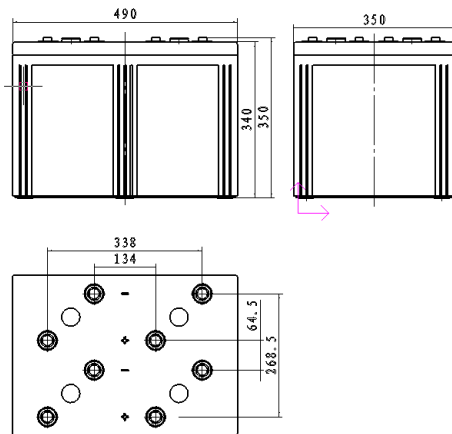
- Telecom
- Nuclear power, standby power supply
- Renewable Energy;
- CATV
- General electronic
- EPS/UPS

**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

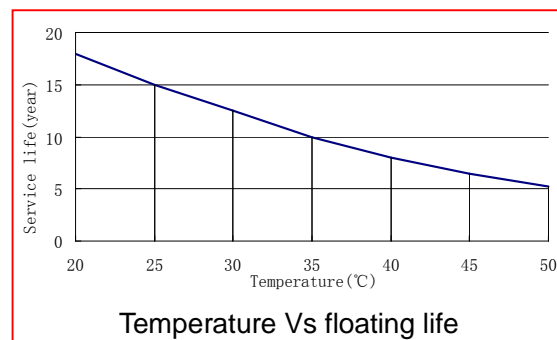
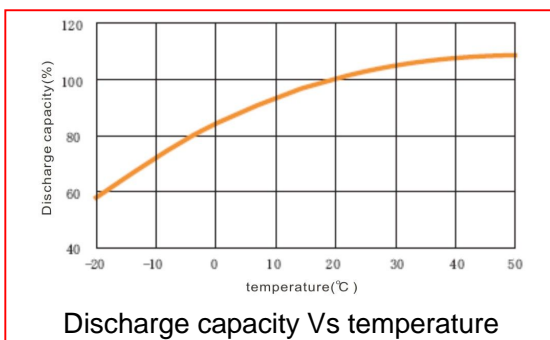
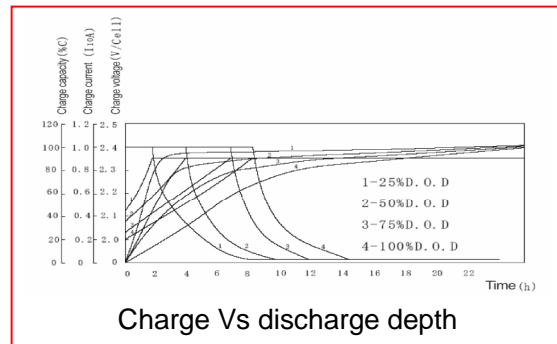
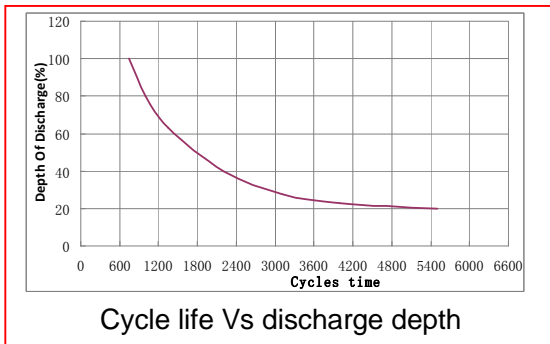


Battery Model	GFMJ-2000			
Designed Life	15 Years			
Capacity(25°C)	10HR(200A,1.80V)	5HR(350A,1.80V)	3HR(512A,1.80V)	1HR(1120A,1.80V)
	2000AH	1750AH	1536AH	1120AH
Dimensions	Length	Width	Height	Total Height
	490mm	350mm	340mm	350mm
Approx. Weight	140kg			
Internal Resistance	0.12m Ω			
Max Discharge Current	11040A(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:400A		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	3400	3100	2880	2600	2020	1250	750	550	380	340	266	225	113	95.4	48.6	25	21.8	11.6
1.70	3200	2950	2600	2270	1900	1230	737	544	371	322	258	213	111	95	48.6	25	21.8	11.6
1.75	3000	2790	2480	2190	1840	1210	723	536	364	317	253	209	110	94.3	48.6	25	21.8	11.6
1.80	2800	2650	2290	2020	1700	1120	694	512	350	305	243	200	108	93.7	48.6	25	21.8	11.6
1.85	2400	2290	2090	1890	1590	1080	653	480	329	286	228	189	102	93	48.6	25	21.8	11.6

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	5940	5510	5180	4710	3690	2320	1400	1040	720	501	400	330	169	165	97.2	50	44	23.4
1.70	5690	5340	4750	4180	3510	2300	1390	1040	710	486	385	319	167	163.5	97.2	50	44	23.4
1.75	5470	5150	4620	4100	3460	2290	1380	1030	700	469	372	307	165	162.2	97.2	50	44	23.4
1.80	5230	4980	4340	3830	3250	2140	1350	990	680	452	358	300	161	159.1	97.2	50	44	23.4
1.85	4580	4390	4020	3660	3090	2110	1280	940	650	429	341	283	153	151.6	97.2	50	44	23.4

**Performance Curve:**


ISO9001 ISO14001 OHSAS18001

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