

**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**

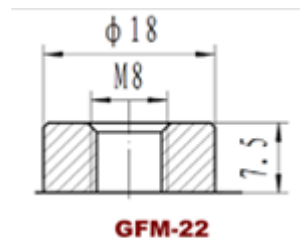
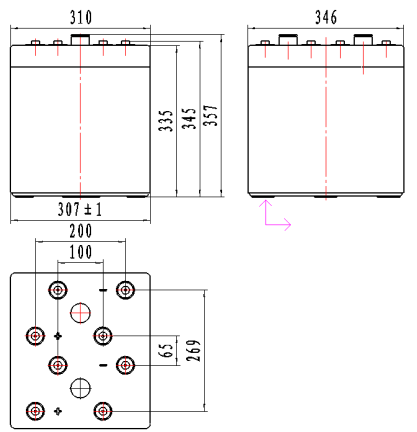
- Telecom
- Nuclear power, standby power supply
- Renewable Energy;
- CATV
- General electronic
- EPS/UPS

**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

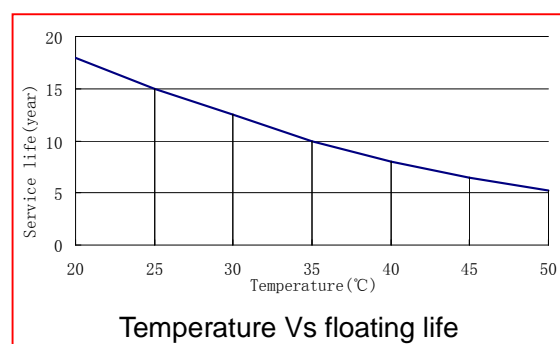
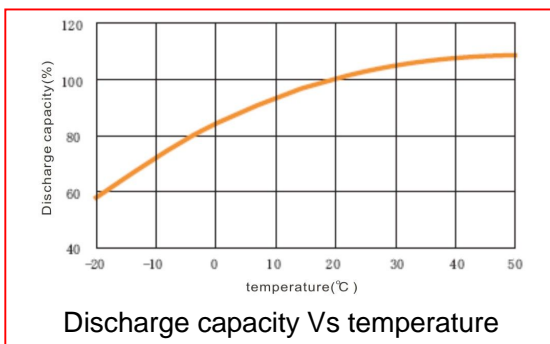
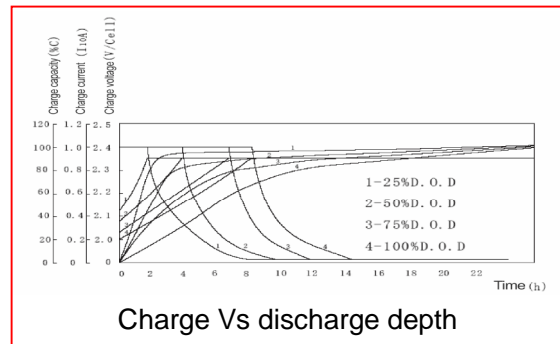
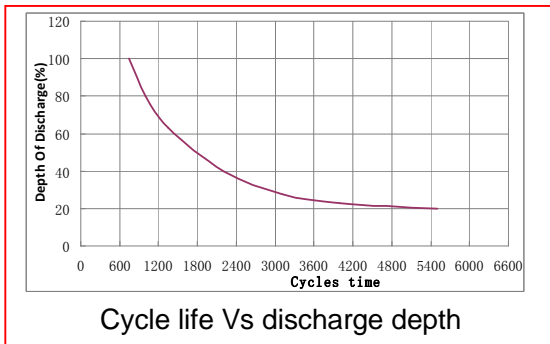


Battery Model	GFMJ-1200			
Designed Life	15 Years			
Capacity(25°C)	10HR(120A,1.80V)	5HR(210A,1.80V)	3HR(307.2A,1.80V)	1HR(672A,1.80V)
	1200AH	1050AH	921.6AH	672AH
Dimensions	Length	Width	Height	Total Height
	310mm	346mm	335mm	357mm
Approx. Weight	85.5kg			
Internal Resistance	0.165mΩ			
Max Discharge Current	6624A(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:240A		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	2040	1860	1728	1560	1212	750	450	330	228	204	159.6	135	67.8	57.5	29.16	15	13.08	6.96
1.70	1920	1770	1560	1362	1140	738	442.2	326.4	222.6	193.2	154.8	127.8	66.6	57.3	29.16	15	13.08	6.96
1.75	1800	1674	1488	1314	1104	726	433.8	321.6	218.4	190.2	151.8	125.4	66	57	29.16	15	13.08	6.96
1.80	1680	1590	1374	1212	1020	672	416.4	307.2	210	183	145.8	120	64.8	56.8	29.16	15	13.08	6.96
1.85	1440	1374	1254	1134	954	648	391.8	288	197.4	171.6	136.8	113.4	61.2	54.5	29.16	15	13.08	6.96

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	3564	3306	3108	2826	2214	1392	840	624	432	300.6	240	198	101.4	100.2	58.32	30	26.4	14.04
1.70	3414	3204	2850	2508	2106	1380	834	624	426	291.6	231	191.4	100.2	99.3	58.32	30	26.4	14.04
1.75	3282	3090	2772	2460	2076	1374	828	618	420	281.4	223.2	184.2	99	98.1	58.32	30	26.4	14.04
1.80	3138	2988	2604	2298	1950	1284	810	594	408	271.2	214.8	180	96.6	95.4	58.32	30	26.4	14.04
1.85	2748	2634	2412	2196	1854	1266	768	564	390	257.4	204.6	169.8	91.8	90.1	58.32	30	26.4	14.04

**Performance Curve:**


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