

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

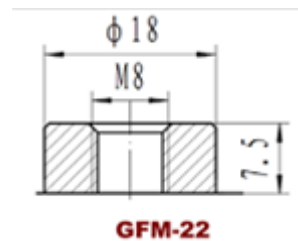
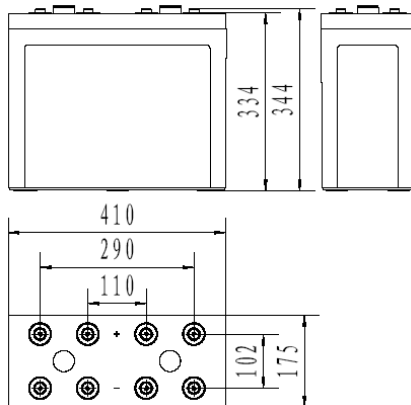
- Telecom
- Nuclear power, standby power supply
- Renewable Energy;
- CATV
- General electronic
- EPS/UPS

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

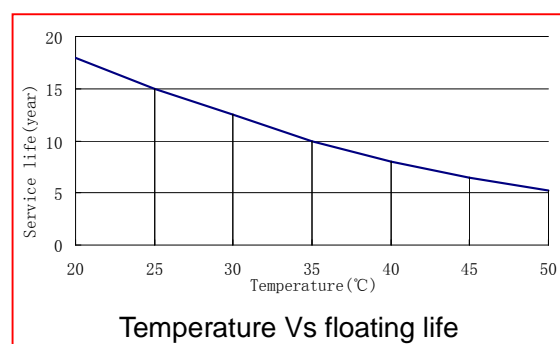
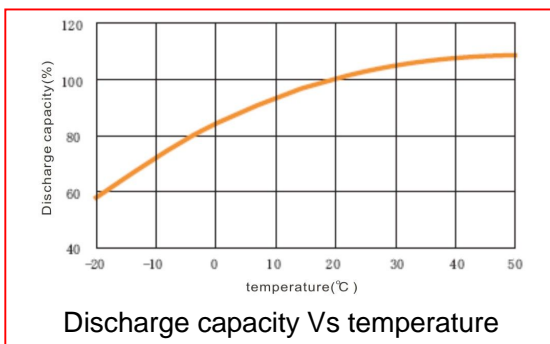
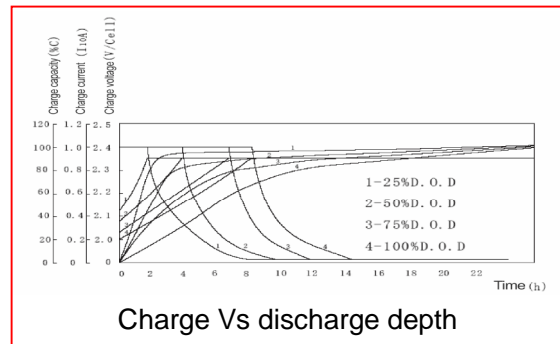
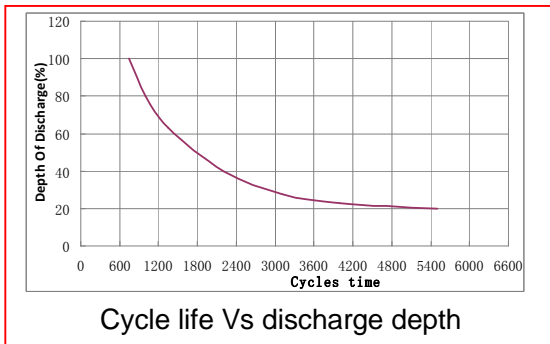


Battery Model	GFMJ-800			
Designed Life	15 Years			
Capacity(25°C)	10HR(80A,1.80V)	5HR(140A,1.80V)	3HR(204.8A,1.80V)	1HR(448A,1.80V)
	800AH	700AH	614.4AH	448AH
Dimensions	Length	Width	Height	Total Height
	410mm	175mm	334mm	344mm
Approx. Weight	60kg			
Internal Resistance	0.28m Ω			
Max Discharge Current	4417A(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:160A		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	1360	1240	1152	1040	808	500	300	220	152	136	106.4	90	45.2	38.35	19.44	10.0	8.72	4.64
1.70	1280	1180	1040	908	760	492	294.8	217.6	148.4	128.8	103.2	85.2	44.4	38	19.44	10.0	8.72	4.64
1.75	1200	1116	992	876	736	484	289.2	214.4	145.6	126.8	101.2	83.6	44	37.4	19.44	10.0	8.72	4.64
1.80	1120	1060	916	808	680	448	277.6	204.8	140	122	97.2	80	43.2	36.96	19.44	10.0	8.72	4.64
1.85	960	916	836	756	636	432	261.2	192	131.6	114.4	91.2	75.6	40.8	36.25	19.44	10.0	8.72	4.64

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	2376	2204	2072	1884	1476	928	560	416	288	200	160	132	67.6	63.4	38.88	20	17.6	9.36
1.70	2276	2136	1900	1672	1404	920	556	416	284	194	154	128	66.8	63	38.88	20	17.6	9.36
1.75	2188	2060	1848	1640	1384	916	552	412	280	188	149	123	66	62.4	38.88	20	17.6	9.36
1.80	2092	1992	1736	1532	1300	856	540	396	272	181	143	120	64.4	61.8	38.88	20	17.6	9.36
1.85	1832	1756	1608	1464	1236	844	512	376	260	172	136	113	61.2	60.7	38.88	20	17.6	9.36

Performance Curve:


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