

**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**

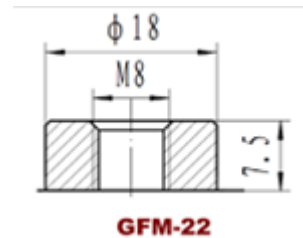
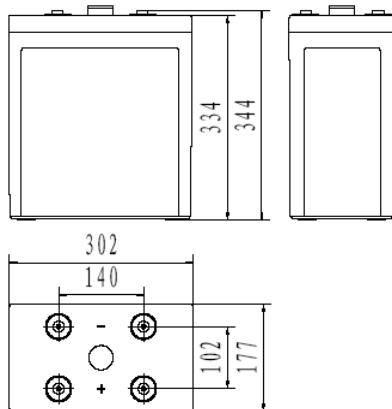
- Telecom
- Nuclear power, standby power supply
- Renewable Energy;
- CATV
- General electronic
- EPS/UPS

**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

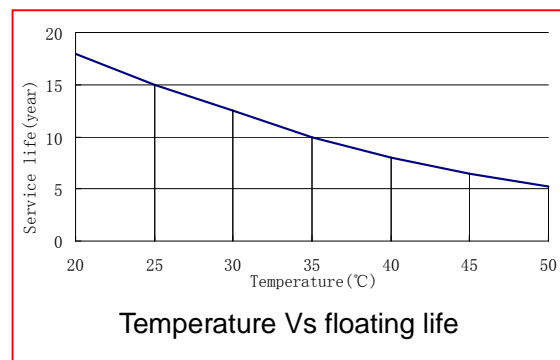
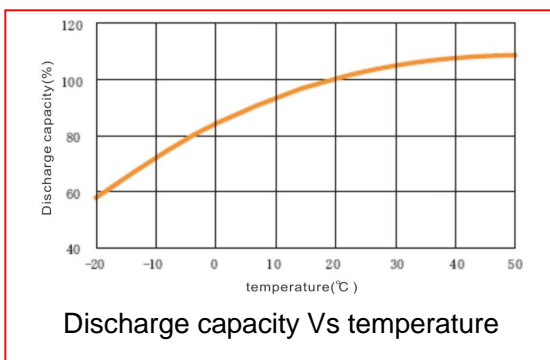
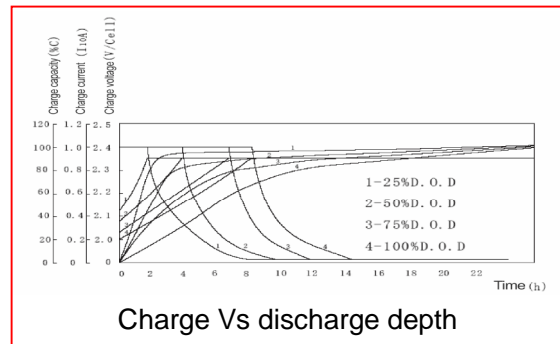
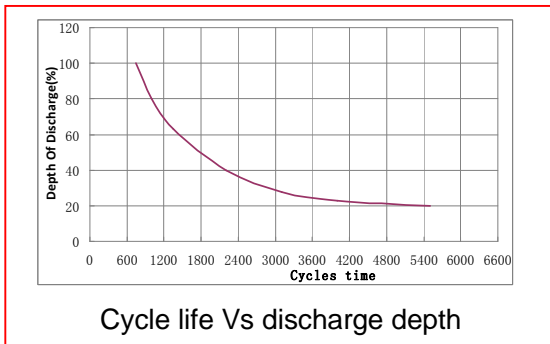


Battery Model	GFMJ-600			
Designed Life	15 Years			
Capacity(25°C)	10HR(60A,1.80V)	5HR(105A,1.80V)	3HR(153.6A,1.80V)	1HR(336A,1.80V)
	600AH	525AH	460.8AH	336AH
Dimensions	Length	Width	Height	Total Height
	302mm	177mm	334mm	344mm
Approx. Weight	44kg			
Internal Resistance	0.33m Ω			
Max Discharge Current	3312A(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:120A		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	1020	930	864	780	606	375	225	165	114	102	79.8	67.5	33.9	27.72	14.58	7.5	6.54	3.48
1.70	960	885	780	681	570	369	221.1	163.2	111.3	96.6	77.4	63.9	33.3	27.72	14.58	7.5	6.54	3.48
1.75	900	837	744	657	552	363	216.9	160.8	109.2	95.1	75.9	62.7	33	27.72	14.58	7.5	6.54	3.48
1.80	840	795	687	606	510	336	208.2	153.6	105	91.5	72.9	60	32.4	27.72	14.58	7.5	6.54	3.48
1.85	720	687	627	567	477	324	195.9	144	98.7	85.8	68.4	56.7	30.6	26.4	14.58	7.5	6.54	3.48

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	1782	1653	1554	1413	1107	696	420	312	216	150	120	99	50.7	48.7	29.16	15	13.2	7.02
1.70	1707	1602	1425	1254	1053	690	417	312	213	146	116	95.7	50.1	48.1	29.16	15	13.2	7.02
1.75	1641	1545	1386	1230	1038	687	414	309	210	141	112	92.1	49.5	47.5	29.16	15	13.2	7.02
1.80	1569	1494	1302	1149	975	642	405	297	204	136	107	90	48.3	46.5	29.16	15	13.2	7.02
1.85	1374	1317	1206	1098	927	633	384	282	195	129	102	84.9	45.9	44.5	29.16	15	13.2	7.02

**Performance Curve:**


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