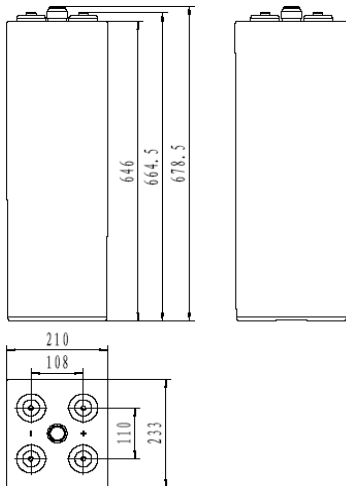


Product Features

- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO₂ as main electrolyte, which is in dilute sol state when injecting and filled in the whole plate space so that the plate can fully react. The GEL state electrolyte prevents leakage and layering;
- Low resistance PVC-SiO₂ micro-porous separator ensure low internal resistance;
- ABS containers and covers (FV0 optional)

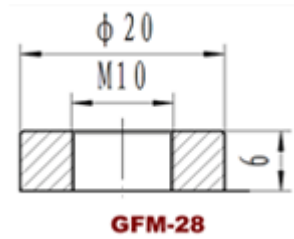


Application

- Renewable Energy;
- Energy utility: production, Transport, distribution, switchgear
- Telecom
- General electronic
- Mobility & leisure
- EPS/UPS

Compliant Standards

- IEC 60896-21/22 : 2004
- IEC 61427-2005
- DIN43539-T5 1984
- DIN40742:1999
- GB/T 22473-2008
- GB/T 22473-2008
- Passed ISO9001、ISO14001、OHSAS18001 certificate
- Eurobat guide;

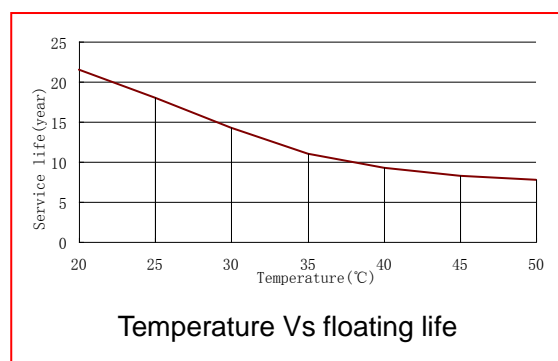
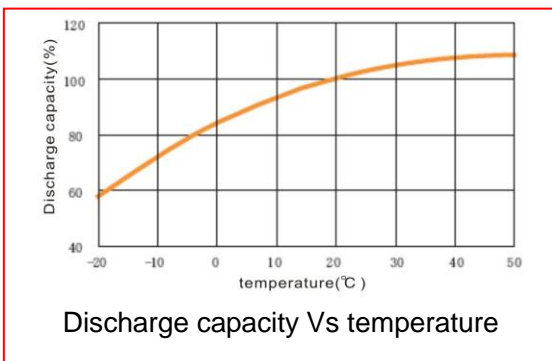
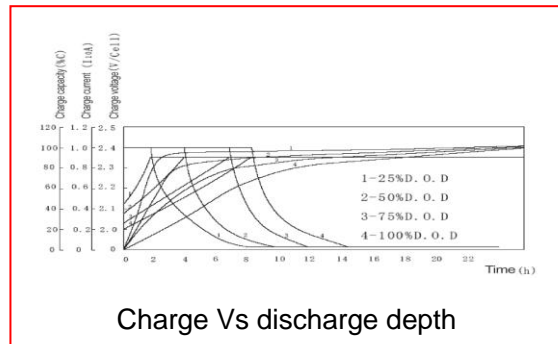
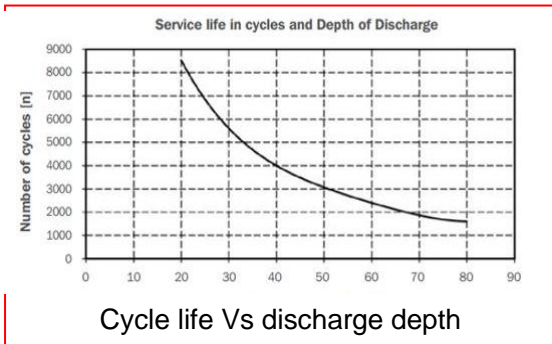


Battery Model	GFMJ-1000H			
Designed Life	18 Years			
Capacity(25℃)	10HR(100A,1.80V)	5HR(170A,1.80V)	3HR(250A,1.80V)	1HR(500A,1.80V)
	1000AH	850AH	750AH	500AH
Dimensions	Length	Width	Height	Total Height
	233mm	210mm	646mm	678.5mm
Approx. Weight	77.0kg			
Internal Resistance	0.35mΩ			
Max Discharge Current	3905A(3 Sec.)			
Self Discharge	≤3% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	2.33V(-3.5mV/℃), max charge current:200A		2.23V(-3.5mV/℃)	

Discharge parameter:

Constant current discharge data (25°C , A)																		
End voltage (V/cell)	5min	10min	15min	20min	30min	1h	2h	3h	5h	6h	8h	10h	20h	24h	48h	100h	120h	240h
1.65	1510	1350	1180	1025	870	575	378	294	203	172	133	116	60.2	50.7	26.0	12.9	10.9	5.60
1.70	1415	1265	1095	950	845	550	355	279	192	163	127	110	60.2	50.7	26.0	12.9	10.9	5.60
1.75	1350	1210	1070	920	800	525	336	264	182	155	122	105	57.0	49.4	26.0	12.9	10.9	5.60
1.80	1275	1150	1015	850	770	500	318	250	170	147	118	100	54.0	48.7	26.0	12.9	10.9	5.60
1.85	1200	1085	960	800	725	475	301	237	163	139	111	94.5	51.0	47.0	26.0	12.9	10.9	5.60

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	2851	2549	2476	2150	1825	1175	843	590	381	365	301	226	113	100	67.0	34.5	30.3	16.1
1.70	2585	2311	2223	1928	1715	1140	825	570	376	354	290	218	113	100	67.0	34.5	30.3	16.1
1.75	2381	2134	2097	1803	1568	1110	803	551	371	343	281	210	113	100	67.0	34.5	30.3	16.1
1.80	2079	1875	1839	1540	1395	1040	785	530	360	330	270	205	110	100	67.0	34.5	30.3	16.1
1.85	1803	1630	1602	1335	1210	1015	745	503	344	314	259	194	104	94.5	67.0	34.5	30.3	16.1

Performance Curve:


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