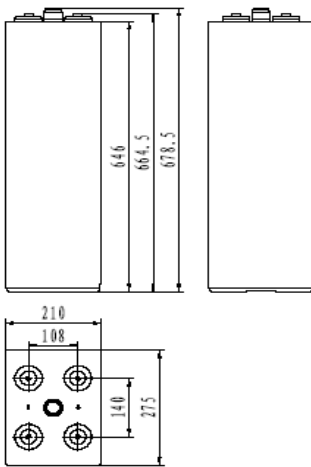


Product Features

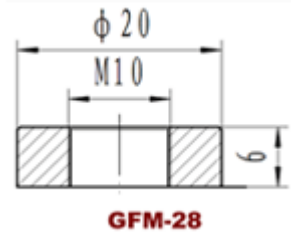
- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO₂ as main electrolyte, which 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;

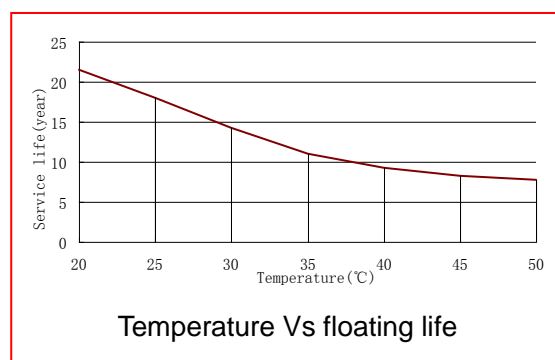
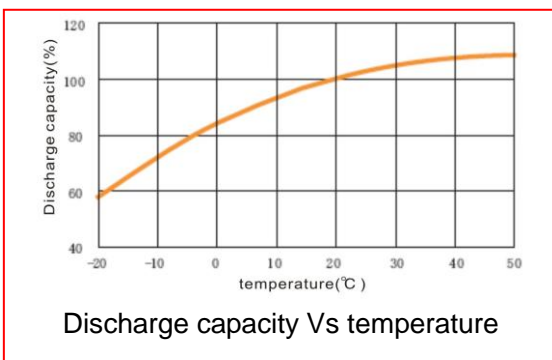
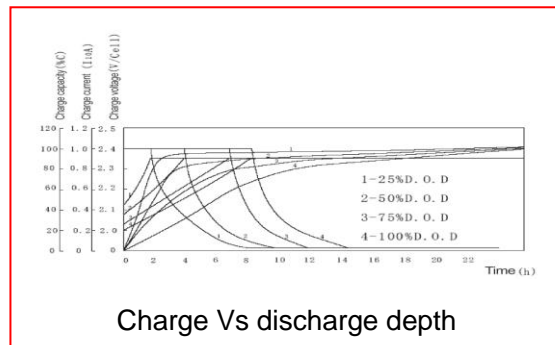
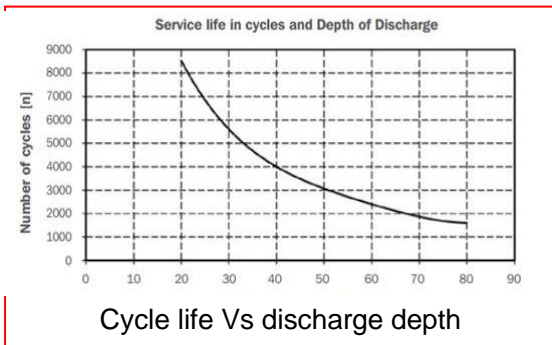


Battery Model	GFMJ-1200H			
Designed Life	18 Years			
Capacity(25°C)	10HR(120A,1.80V)	5HR(204A,1.80V)	3HR(300A,1.80V)	1HR(600A,1.80V)
	1200AH	1020AH	900AH	600AH
Dimensions	Length	Width	Height	Total Height
	275mm	210mm	646mm	678.5mm
Approx. Weight	91.5kg			
Internal Resistance	0.3mΩ			
Max Discharge Current	4355A(3 Sec.)			
Self Discharge	≤3% 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	10min	15min	20min	30min	1h	2h	3h	5h	6h	8h	10h	20h	24h	48h	100h	120h	240h
1.65	1812	1620	1416	1230	1044	690	454	353	243	206	159	140	72.2	60.7	31.2	15.5	13.1	6.72
1.70	1698	1518	1314	1140	1014	660	426	335	230	198	153	132	72.2	60.7	31.2	15.5	13.1	6.72
1.75	1620	1452	1284	1104	960	630	403	317	218	188	147	126	68.4	58.9	31.2	15.5	13.1	6.72
1.80	1530	1380	1218	1020	924	600	382	300	204	175	141	120	64.8	57.4	31.2	15.5	13.1	6.72
1.85	1440	1302	1152	960	870	570	361	284	196	166	134	113	61.2	55.9	31.2	15.5	13.1	6.72

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	3421	3058	2971	2580	2190	1410	1011	708	457	438	361	271	135	120	80.4	41.4	36.3	19.3
1.70	3101	2773	2667	2313.6	2058	1368	990	684	451	424	348	262	135	120	80.4	41.4	36.3	19.3
1.75	2857	2561	2516	2163	1881	1332	963	662	445	411	337	252	135	120	80.4	41.4	36.3	19.3
1.80	2495	2250	2207	1848	1674	1248	942	636	432	396	324	246	132	120	80.4	41.4	36.3	19.3
1.85	2163	1955	1922	1602	1452	1218	894	604	413	377	310	232	125	113	80.4	41.4	36.3	19.3

Performance Curve :


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