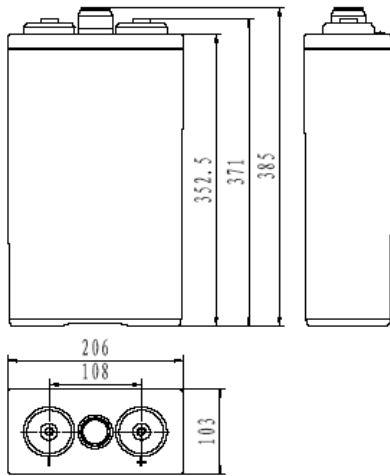


Product Features

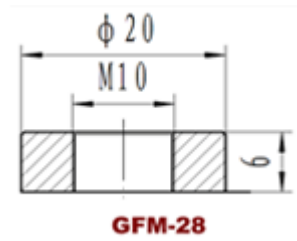
- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO₂ as main electrolyte, which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

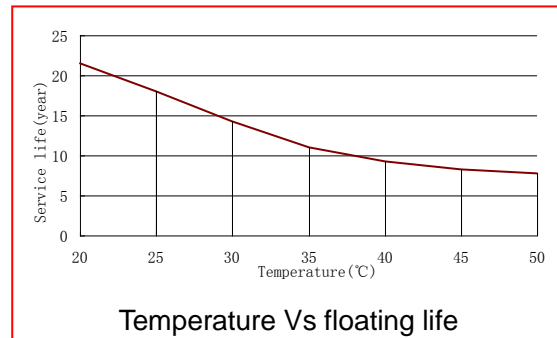
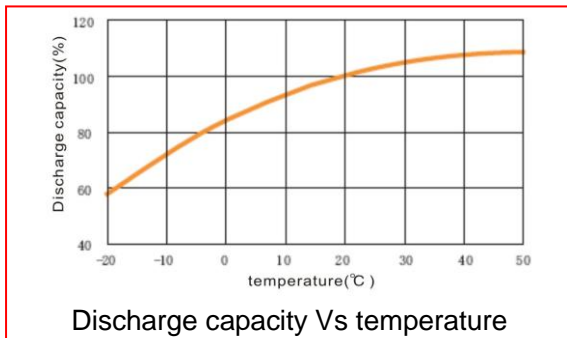
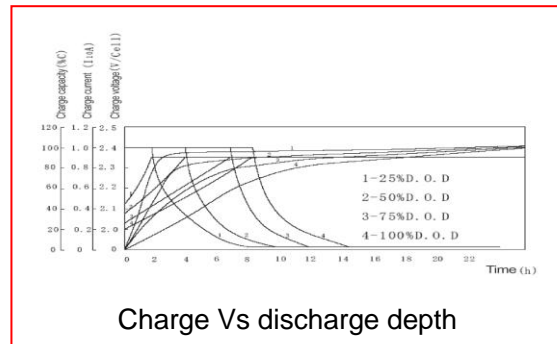
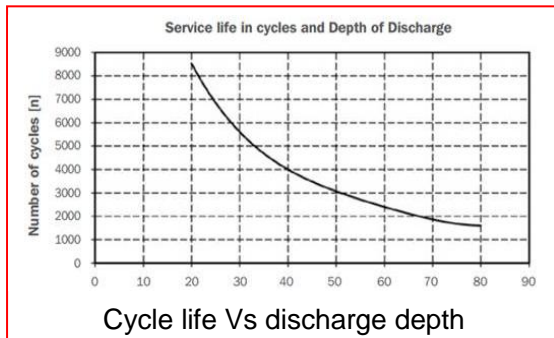

GFM-28

Battery Model	GFMJ-200H			
Designed Life	18 Years			
Capacity(25°C)	10HR(20A,1.80V)	5HR(34A,1.80V)	3HR(50A,1.80V)	1HR(100A,1.80V)
	200AH	170AH	150AH	100AH
Dimensions	Length	Width	Height	Total Height
	103mm	206mm	352.5mm	385mm
Approx. Weight	18kg			
Internal Resistance	0.75mΩ			
Max Discharge Current	1196A(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:40A		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	302	270	236	205	174	115	75.6	58.9	40.5	34.7	26.5	23.3	12.0	10.2	5.20	2.58	2.18	1.12
1.70	283	253	219	190	169	110	71.0	55.8	38.4	33.1	25.5	22.1	12.0	10.2	5.20	2.58	2.18	1.12
1.75	270	242	214	184	160	105	67.2	52.8	36.3	31.4	24.5	21.0	11.4	10.2	5.20	2.58	2.18	1.12
1.80	255	230	203	170	154	100	63.6	50.0	34.0	30.3	23.5	20.0	10.8	10.2	5.20	2.58	2.18	1.12
1.85	240	217	192	160	145	95.0	60.2	47.3	32.6	28.9	22.3	18.9	10.2	10.2	5.20	2.58	2.18	1.12

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	570	510	495	430	365	235	169	118	76.2	73.0	60.2	45.1	22.5	20.0	13.4	6.90	6.05	3.22
1.70	517	462	445	386	343	228	165	114	75.1	70.7	58.0	43.6	22.5	20.0	13.4	6.90	6.05	3.22
1.75	476	427	419	361	314	222	161	110	74.1	68.5	56.1	42.0	22.5	20.0	13.4	6.90	6.05	3.22
1.80	416	375	368	308	279	208	157	106	72.0	66.0	54.0	41.0	22.0	20.0	13.4	6.90	6.05	3.22
1.85	361	326	320	267	242	203	149	101	68.8	62.8	51.7	38.7	20.8	18.9	13.4	6.90	6.05	3.22

Performance Curve:


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