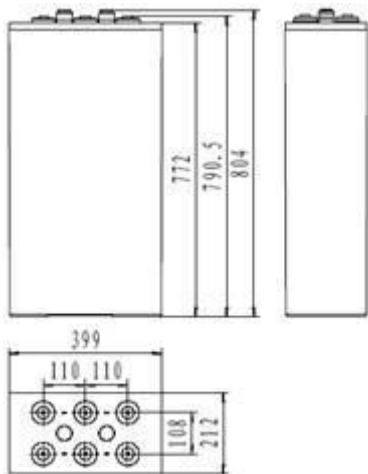


Product Features

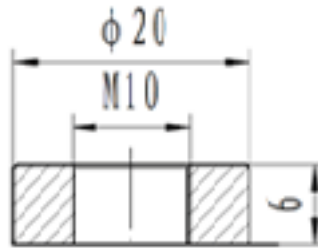
- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO₂ as main electrolyte, which 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-2000H			
Designed Life	18 Years			
Capacity(25°C)	10HR(200A,1.80V)	5HR(340A,1.80V)	3HR(500A,1.80V)	1HR(1000A,1.80V)
	2000AH	1700AH	1500AH	1000AH
Dimensions	Length	Width	Height	Total Height
	399mm	212mm	772mm	804mm
Approx. Weight	153kg			
Internal Resistance	0.22mΩ			
Max Discharge Current	7659A(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:400A		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	2567	2295	2006	1743	1479	1150	757	589	405	341	265	233	121	101.5	52	25.9	21.9	11.20
1.70	2405	2151	1861	1615	1437	1100	710	559	383	323	255	220	121	101.5	52	25.9	21.9	11.20
1.75	2295	2057	1819	1564	1360	1050	672	529	363	305	245	210	114	96.5	52	25.9	21.9	11.20
1.80	2167	1955	1725	1445	1309	1000	637	500	340	287	235	200	108	94.3	52	25.9	21.9	11.20
1.85	2040	1845	1632	1360	1233	950	602	473	327	276	223	189	102	90.5	52	25.9	21.9	11.20

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	5132	4587	4457	3870	3285	2350	1685	1180	762	730	602	452	225	200	134	69	60.5	32.2
1.70	4624	4159	4001	3471	3087	2280	1650	1140	752	707	580	437	225	200	134	69	60.5	32.2
1.75	4161	3841	3774	3245	2821	2220	1605	1103	742	685	562	420	225	200	134	69	60.5	32.2
1.80	3625	3375	3311	2772	2511	2080	1570	1060	720	660	540	410	220	200	134	69	60.5	32.2
1.85	3123	2933	2883	2403	2178	2030	1490	1007	689	629	517	387	208	188.3	134	69	60.5	32.2

Performance Curve:
