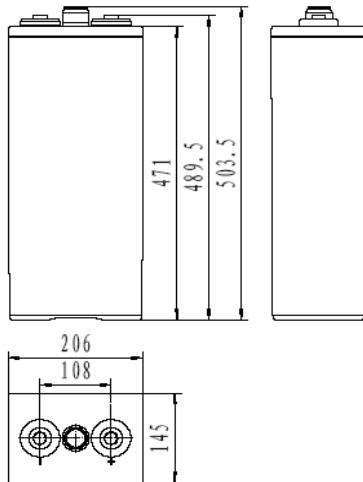


Product Features

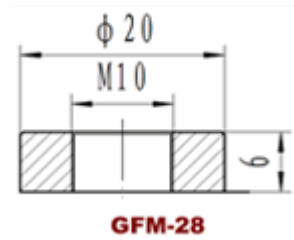
- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO₂ as main electrolyte, which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

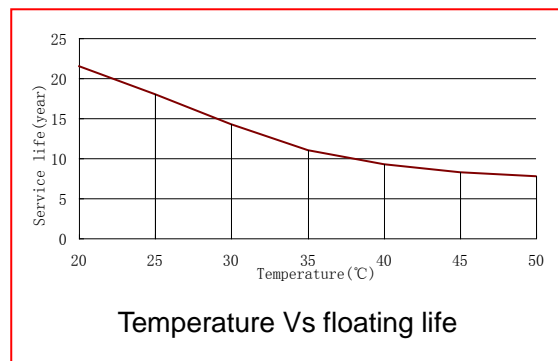
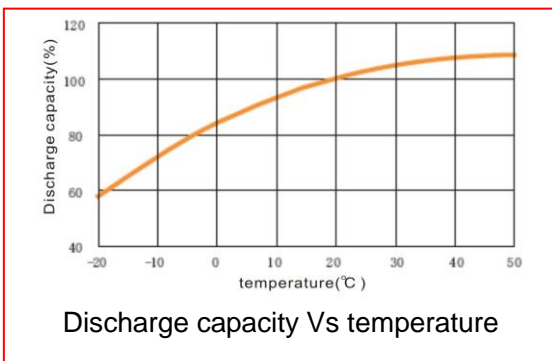
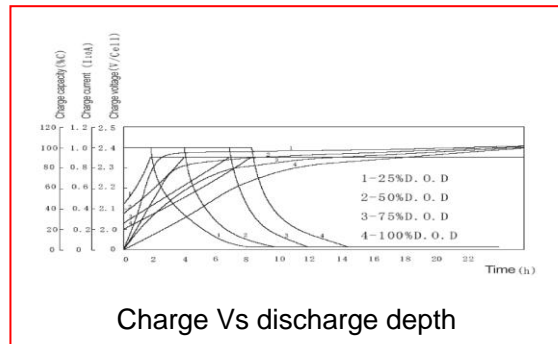
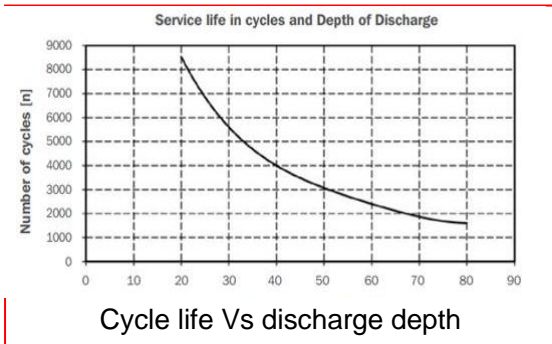


Battery Model	GFMJ-420H			
Designed Life	18 Years			
Capacity(25°C)	10HR(42A,1.80V)	5HR(71.4A,1.80V)	3HR(105A,1.80V)	1HR(210A,1.80V)
	420AH	357AH	315AH	210AH
Dimensions	Length	Width	Height	Total Height
	145mm	206mm	471mm	503.5mm
Approx. Weight	33.5kg			
Internal Resistance	0.55mΩ			
Max Discharge Current	2438A(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:84A		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	634	567	496	431	365	242	159	124	85.1	68.6	55.7	48.9	25.3	21.5	10.9	5.42	4.58	2.35
1.70	594	531	460	399	355	231	149	117	80.6	65.3	53.5	46.3	25.3	21.4	10.9	5.42	4.58	2.35
1.75	567	508	449	386	336	221	141	111	76.3	62.2	51.4	44.1	23.9	20.7	10.9	5.42	4.58	2.35
1.80	536	483	426	357	323	210	134	105	71.4	59.2	49.4	42.0	22.7	20.7	10.9	5.42	4.58	2.35
1.85	504	456	403	336	305	200	126	99.4	68.5	56.4	46.7	39.7	21.4	19.7	10.9	5.42	4.58	2.35

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	1197	1070	1040	903	767	494	354	248	160	153	126	94.7	47.3	42.0	28.1	14.5	12.7	6.76
1.70	1085	970	933	810	720	479	347	239	158	148	122	91.6	47.3	42.0	28.1	14.5	12.7	6.76
1.75	1000	896	881	757	658	466	337	232	156	144	118	88.2	47.3	42.0	28.1	14.5	12.7	6.76
1.80	873	788	772	647	586	437	330	223	151	139	113	86.1	46.2	42.0	28.1	14.5	12.7	6.76
1.85	757	684	673	561	508	426	313	211	144	132	109	81.3	43.7	39.7	28.1	14.5	12.7	6.76

Performance Curve :


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