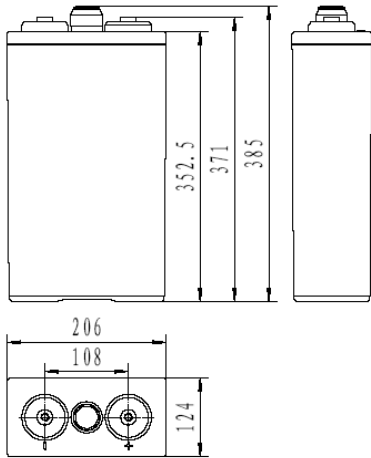


Product Features

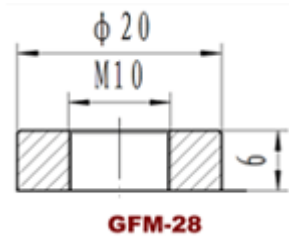
- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO₂ as main electrolyte, which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

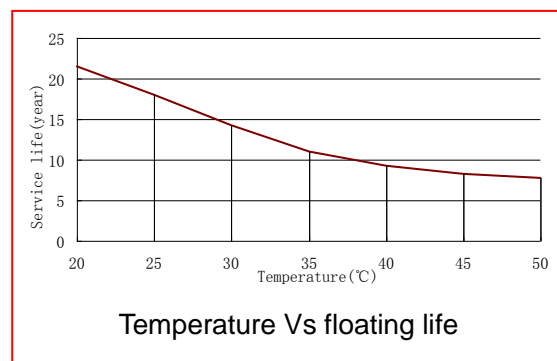
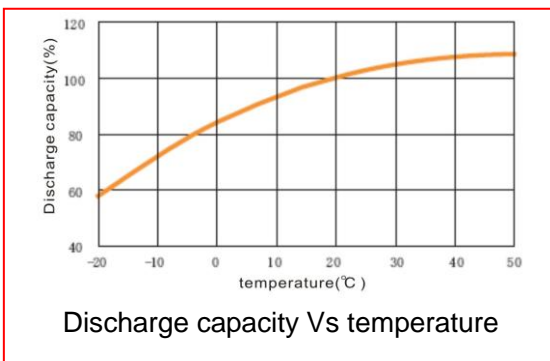
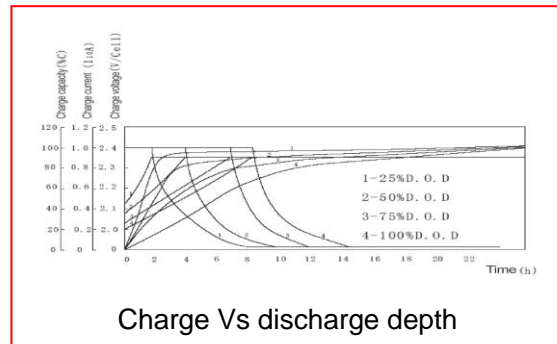
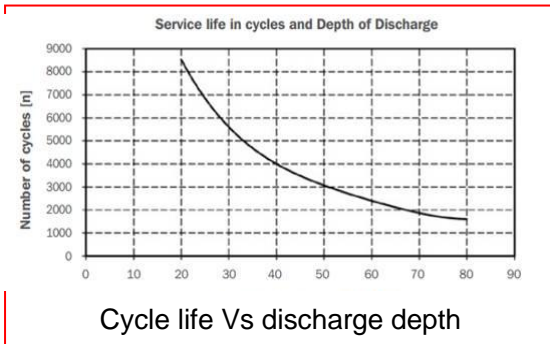


Battery Model	GFMJ-250H			
Designed Life	18 Years			
Capacity(25°C)	10HR(25A,1.80V)	5HR(42.5A,1.80V)	3HR(62.5A,1.80V)	1HR(125A,1.80V)
	250AH	212.5AH	187.5AH	125AH
Dimensions	Length	Width	Height	Total Height
	124mm	206mm	352.5mm	385mm
Approx. Weight	22kg			
Internal Resistance	0.7mΩ			
Max Discharge Current	1472A(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:50A		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	378	338	295	256	218	144	94.5	73.6	50.6	43.2	33.1	29.1	15.0	12.8	6.50	3.23	2.73	1.40
1.70	354	316	274	238	211	138	88.8	69.7	48.0	41.8	31.8	27.6	15.0	12.8	6.50	3.23	2.73	1.40
1.75	338	303	268	230	200	131	84.0	66.0	45.4	40	30.6	26.3	14.3	12.6	6.50	3.23	2.73	1.40
1.80	319	288	254	213	180	125	79.5	62.5	42.5	38.1	29.4	25.0	13.5	12.6	6.50	3.23	2.73	1.40
1.85	300	271	240	200	165	119	75.3	59.2	40.8	35.9	27.8	23.6	12.8	12.0	6.50	3.23	2.73	1.40

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	713	637	619	538	456	294	211	148	95.3	91.3	75.3	56.4	28.1	25.0	16.8	8.63	7.56	4.03
1.70	646	578	556	482	429	285	206	143	93.9	88.4	72.5	54.5	28.1	25.0	16.8	8.63	7.56	4.03
1.75	595	534	524	451	392	278	201	138	92.6	85.6	70.1	52.5	28.1	25.0	16.8	8.63	7.56	4.03
1.80	520	469	460	385	349	260	196	133	90.0	82.5	67.5	51.3	27.5	25.0	16.8	8.63	7.56	4.03
1.85	451	407	401	334	303	254	186	126	86.0	78.5	64.6	48.4	26.0	23.6	16.8	8.63	7.56	4.03

Performance Curve:


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