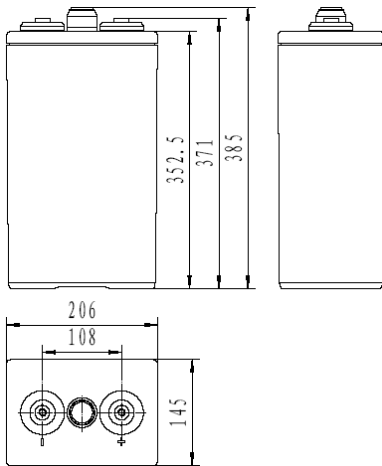


Product Features

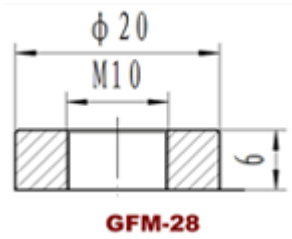
- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO₂ as main electrolyte, which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

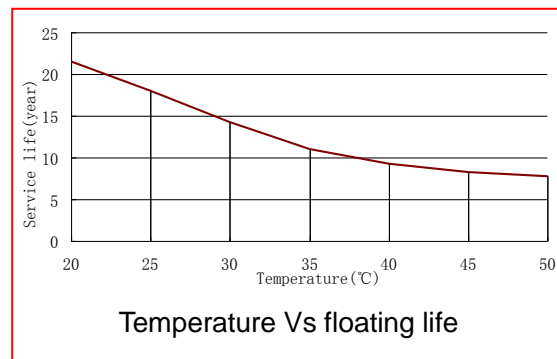
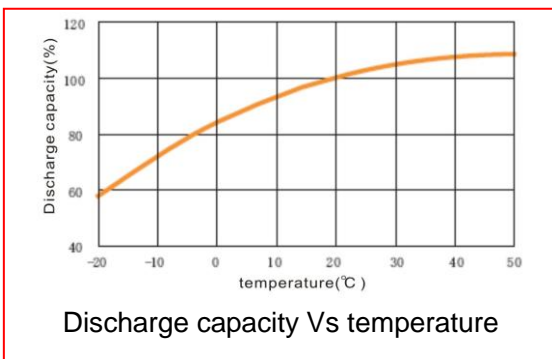
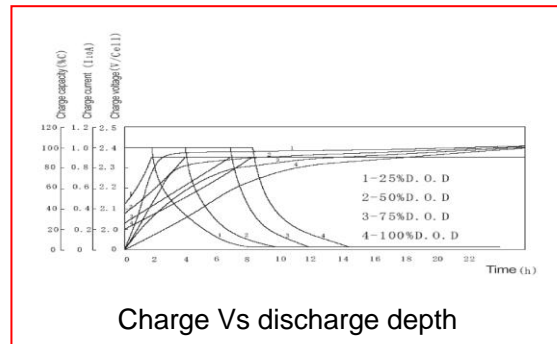
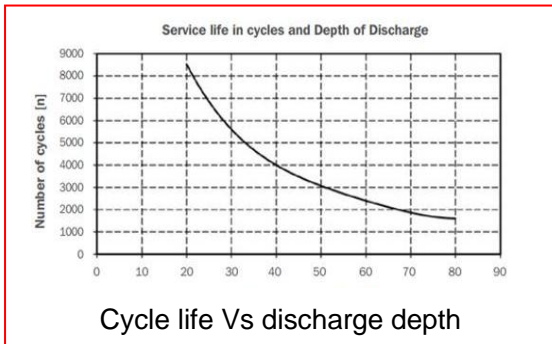


Battery Model	GFMJ-300H			
Designed Life	18 Years			
Capacity(25°C)	10HR(30A,1.80V)	5HR(51A,1.80V)	3HR(75A,1.80V)	1HR(150A,1.80V)
	300AH	255AH	225AH	150AH
Dimensions	Length	Width	Height	Total Height
	145mm	206mm	352.5mm	385mm
Approx. Weight	25.5kg			
Internal Resistance	0.6mΩ			
Max Discharge Current	1794A(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:60A			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	453	405	354	308	261	173	113	88.3	60.8	51.5	39.8	34.9	18.0	15.3	7.80	3.87	3.27	1.68
1.70	425	380	329	285	254	165	107	83.6	57.5	48.6	38.2	33.1	18.0	15.3	7.80	3.87	3.27	1.68
1.75	405	363	321	276	240	158	101	79.2	54.5	46.8	36.7	31.5	17.1	14.8	7.80	3.87	3.27	1.68
1.80	383	345	305	255	231	150	95.4	75.0	51.0	43.6	35.3	30.0	16.2	14.6	7.80	3.87	3.27	1.68
1.85	360	326	288	240	218	143	90.3	71.0	48.9	42.1	33.4	28.4	15.3	14.1	7.80	3.87	3.27	1.68

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	855	765	743	645	548	353	253	177	114	110	90.3	67.7	33.8	30.0	20.1	10.4	9.08	4.83
1.70	775	693	667	578	515	342	248	171	113	106	87.0	65.4	33.8	30.0	20.1	10.4	9.08	4.83
1.75	714	640	629	541	470	333	241	165	111	103	84.2	63.0	33.8	30.0	20.1	10.4	9.08	4.83
1.80	624	563	552	462	419	312	236	159	108	99.0	81.0	61.5	33.0	30.0	20.1	10.4	9.08	4.83
1.85	541	489	481	401	363	305	224	151	103	94.2	77.6	58.1	31.2	28.4	20.1	10.4	9.08	4.83

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