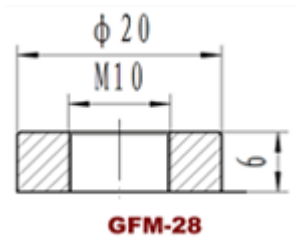
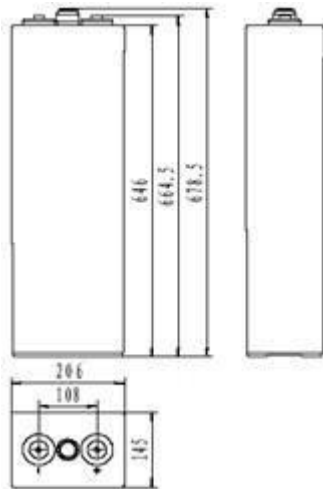


Product Features

- 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

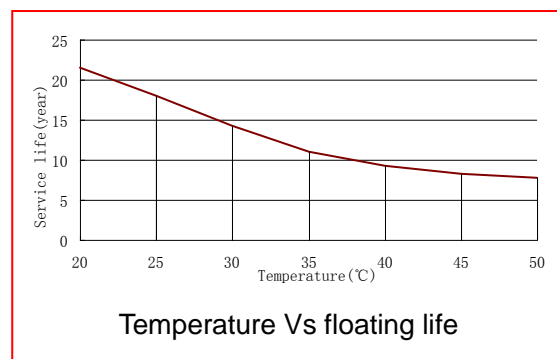
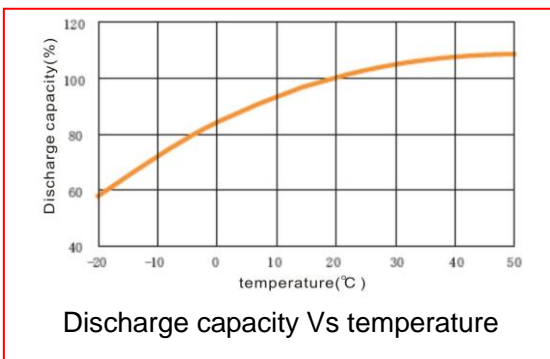
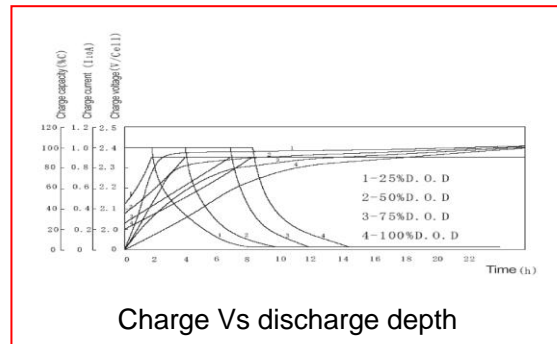
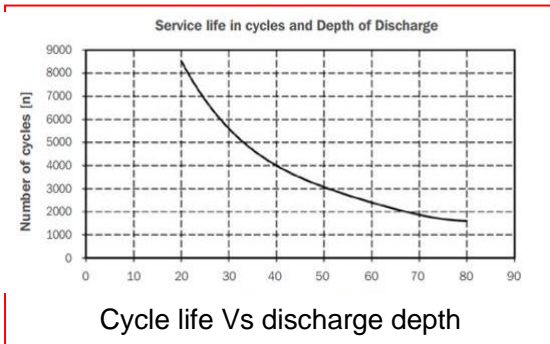
- IEC 60896-21/22 : 2004
- IEC 61427-2005
- DIN43539-T5 1984
- DIN40742:1999
- GB/T 22473-2008
- GB/T 22473-2008
- Passed ISO9001、ISO14001、OHSAS18001 certificate
- Eurobat guide;

Battery Model	GFMJ-600H			
Designed Life	18 Years			
Capacity(25°C)	10HR(60A,1.80V)	5HR(102A,1.80V)	3HR(150A,1.80V)	1HR(300A,1.80V)
	600AH	510AH	450AH	300AH
Dimensions	Length	Width	Height	Total Height
	145mm	206mm	646mm	678.5mm
Approx. Weight	46.5kg			
Internal Resistance	0.45mΩ			
Max Discharge Current	3496A(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:120A		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	906	810	708	615	522	345	227	177	122	103.5	79.5	69.9	36.1	30.3	15.6	7.74	6.54	3.36
1.70	849	759	657	570	507	330	213	167	115	98.7	76.4	66.2	36.1	30.3	15.6	7.74	6.54	3.36
1.75	810	726	642	552	480	315	202	158	109	93.8	73.4	63.0	34.2	29.6	15.6	7.74	6.54	3.36
1.80	765	690	609	510	462	300	191	150	102	87.6	70.5	60.0	32.4	28.9	15.6	7.74	6.54	3.36
1.85	720	651	576	480	435	285	181	142	97.8	84.6	66.8	56.7	30.6	28.2	15.6	7.74	6.54	3.36

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	1711	1529	1485	1290	1095	705	506	354	229	219	181	135	67.5	60.0	40.2	20.7	18.2	9.66
1.70	1551	1386	1334	1157	1029	684	495	342	225	212	174	131	67.5	60.0	40.2	20.7	18.2	9.66
1.75	1428	1280	1258	1082	941	666	482	331	222	206	168	126	67.5	60.0	40.2	20.7	18.2	9.66
1.80	1247	1125	1103	924	837	624	471	318	216	198	162	123	66.0	60.0	40.2	20.7	18.2	9.66
1.85	1082	978	961	801	726	609	447	302	206	188	155	116	62.4	56.7	40.2	20.7	18.2	9.66

Performance Curve:


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