

Product Features

- Patent composite grid structure, a smaller plate spacing design which provide high current discharge performance and high power output
- Special wide-low type structure effectively prevent electrolyte stratification;
- Optimization for positive and negative active material ratio, battery has high power ratio;
- ABS containers and covers (FV0 optional)

Application

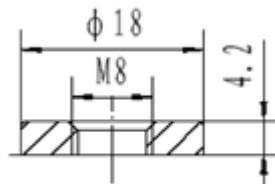
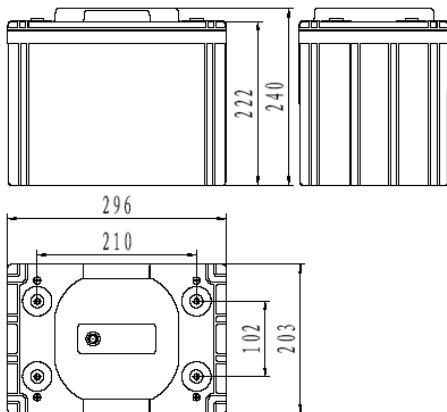
- UPS/EPS;
- Telecom;
- Emergency lighting;
- CATV;
- Energy utility: production, Transport, distribution; switchgear;
- General electronic.

Compliant Standards

- GB/T 19638.2-2005
- IEC 60896-21/22: 2004
- Passed ISO9001、ISO14001、OHSAS18001、UL and CE certificate
- Eurobat guide;

Safety

- installation compliant with:EN50272-2

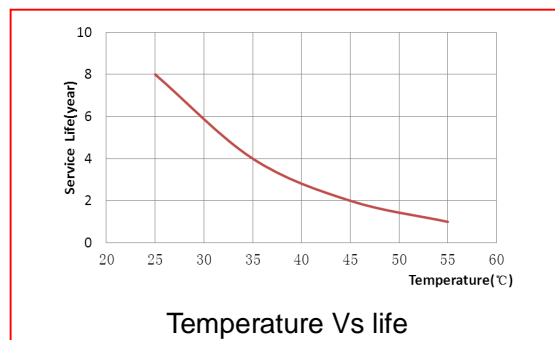
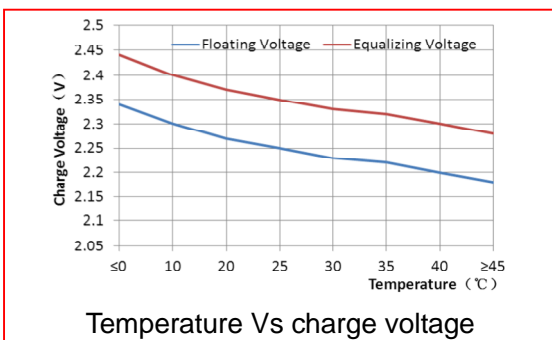
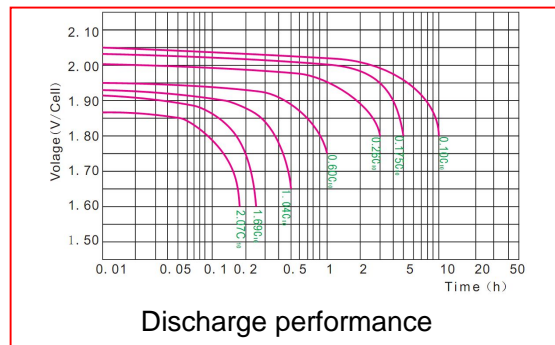
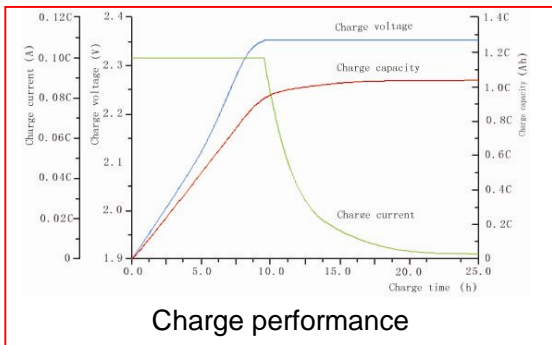

GFM-30

Battery Model	GFMG-560			
Designed Life	12 Years			
Capacity(25°C)	10HR(56A,1.80V)	5HR(98.1A,1.80V)	3HR(147A,1.80V)	1HR(336A,1.75V)
	560AH	490.5AH	441AH	336AH
Dimensions	Length	Width	Height	Total Height
	296mm	203mm	222mm	240mm
Approx. Weight	36.1kg			
Internal Resistance	0.36m Ω for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Max Discharge Current	3000A(5 Sec.)			
Self Discharge	≤1% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	2.35V(-3.5mV/°C), max charge current:84A		2.25V(-3.5mV/°C)	

Discharge parameter:

Constant current discharge data (25°C, A)																		
End voltage (V/cell)	min							h										
	5	10	15	20	30	40	50	1	1.5	2	3	4	5	6	7	8	9	10
1.60	1529	1163	947	802	616	499	418	357	272	218	157	124	103	88.7	77.7	71.2	63.2	58.0
1.65	1390	1065	875	748	582	476	401	351	265	215	154	122	102	87.7	77.0	70.5	62.5	57.5
1.70	1269	977	810	696	548	452	384	341	258	211	152	121	101	86.9	76.4	69.8	61.9	57.0
1.75	1110	900	762	664	530	440	375	336	254	207	150	119	99.2	85.8	75.7	69.2	61.3	56.7
1.80	975	833	720	633	510	425	363	323	247	202	147	117	98.1	84.7	74.7	68.4	60.7	56.0

Constant power discharge data (25°C, W/cell)																		
End voltage (V/cell)	min							h										
	5	10	15	20	30	40	50	1	1.5	2	3	4	5	6	7	8	9	10
1.60	2228	1885	1565	1363	1038	841	719	628	485	397	286	226	190	166	148	137	122	112
1.65	2046	1712	1434	1257	964	792	683	607	466	383	279	221	187	162	146	135	121	110
1.70	1806	1568	1333	1176	900	751	646	589	454	373	273	217	184	160	144	134	119	109
1.75	1618	1450	1243	1093	844	706	617	562	441	363	267	213	181	158	143	132	117	107
1.80	1487	1331	1139	1007	791	667	595	536	428	354	262	209	178	156	140	130	116	105

Performance Curve:


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