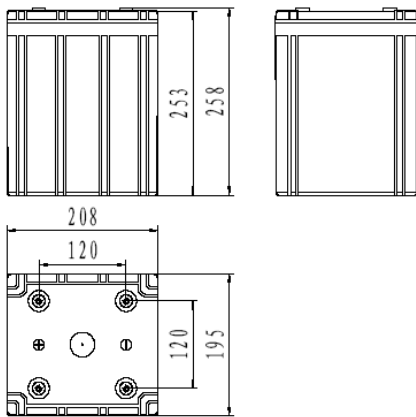


Product Features

- 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

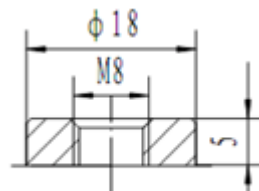
- UPS/EPS;
- Telecom;
- Emergency lighting;
- CATV;
- Energy utility: production, Transport, distribution; switchgear;
- General electronic.

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

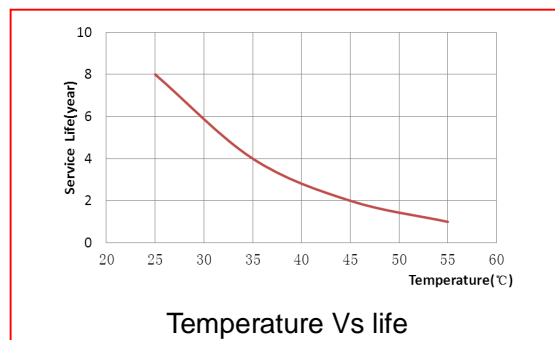
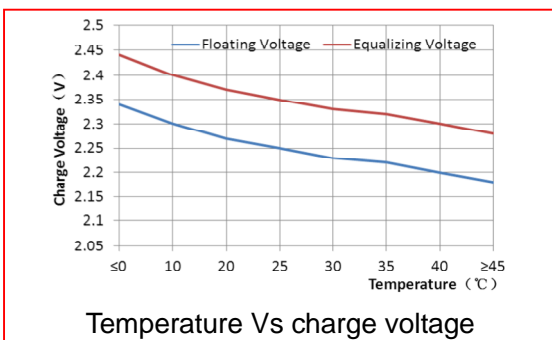
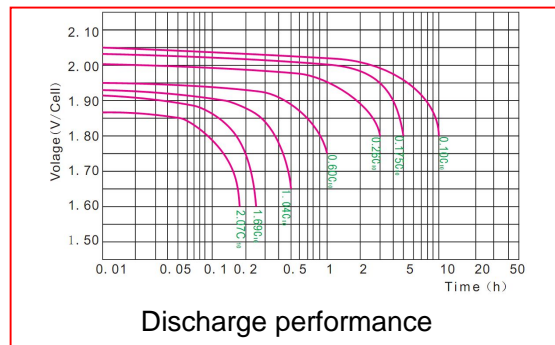
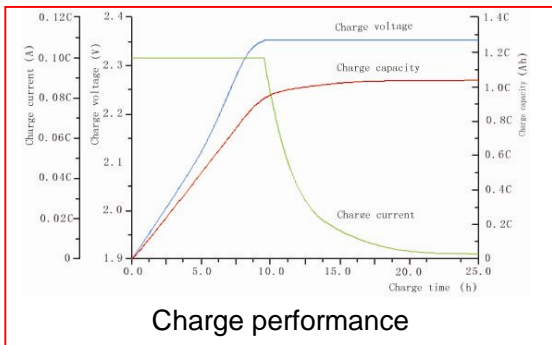

GFM-23

Battery Model	GFMG-400			
Designed Life	12 Years			
Capacity(25°C)	10HR(40A,1.80V)	5HR(70A,1.80V)	3HR(105A,1.80V)	1HR(240A,1.75V)
	400AH	350AH	315AH	240AH
Dimensions	Length	Width	Height	Total Height
	195mm	208mm	253mm	258mm
Approx. Weight	25.6kg			
Internal Resistance	0.42mΩ for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Max Discharge Current	2200A(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:60A		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	1092	831	677	573	440	357	298	255	194	156	112	88.3	73.5	63.3	55.5	50.8	45.1	41.4
1.65	993	761	625	534	415	340	286	251	189	153	110	87.2	72.6	62.7	55.0	50.3	44.7	41.1
1.70	906	698	578	497	392	323	274	243	184	151	109	86.1	71.8	62.1	54.6	49.9	44.2	40.7
1.75	793	643	545	474	378	314	268	240	182	148	107	85.0	70.9	61.3	54.1	49.4	43.8	40.5
1.80	696	595	514	452	364	304	259	230	177	144	105	83.7	70.0	60.5	53.4	48.8	43.4	40.0

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	1591	1347	1118	974	742	601	513	449	346	283	205	162	136	118	106	97.8	87.4	79.7
1.65	1462	1223	1024	898	689	566	488	433	333	274	199	158	134	116	104	96.6	86.1	78.3
1.70	1290	1120	952	840	643	537	462	421	324	266	195	155	132	114	103	95.4	85.1	77.5
1.75	1156	1036	888	781	603	504	441	401	315	260	191	152	129	113	102	94.2	83.8	76.5
1.80	1062	950	813	719	565	476	425	383	306	253	187	150	127	111	100	92.9	82.7	75.3

Performance Curve:


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