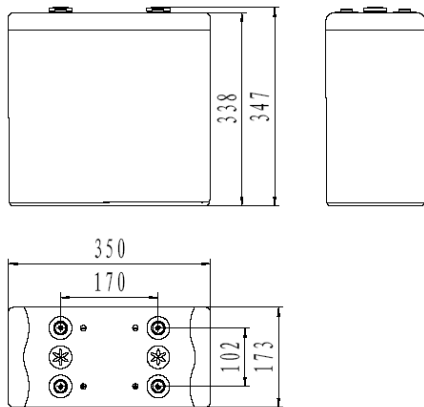


Product Features

- Patent rectangular gridding grid design which provide long floating life;
- Patent positive plate 4BS technology and patent negative plate diachylon formula, high temperature and high humidity curing process, battery has good cycle performance;
- Patent multi-layer polarity sealing structure, safety and reliable leakage-proof performance
- Patent labyrinth type, double-layer and explosion-proof acid filter valve, high efficiency of oxygen compound


Application

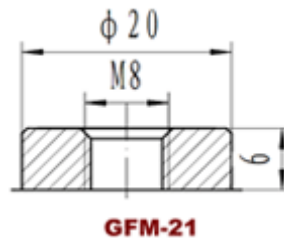
- Telecom
- Wireless and fixed communication application field;
- General electronic;
- Universal;
- EPS/UPS

Compliant Standards

- GB/T 19638.2-2005
- YD/T 799-2010
- DL/T 637-1997
- IEC 60896-21/22: 2004
- JIS C8704-1: 2006
- JIS C8704-2: 2006
- Passed ISO9001、ISO14001、OHSAS18001、UL、CE and TLC certificate
- Eurobat guide;

Safety

- installation compliant with:EN50272-2

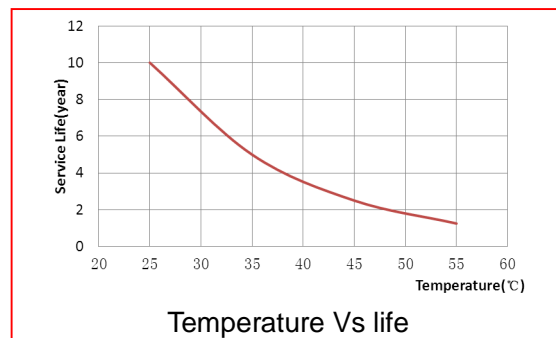
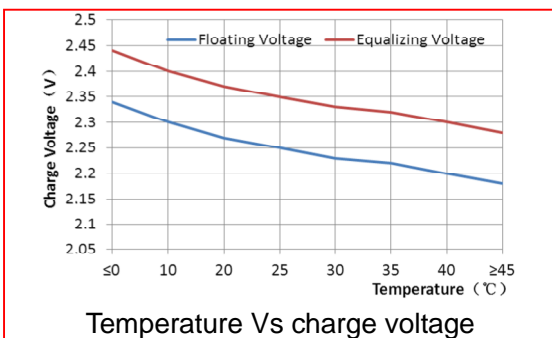
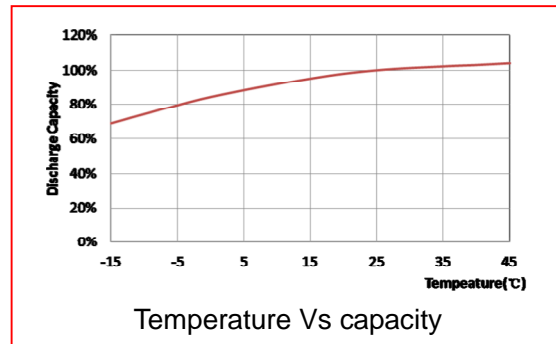
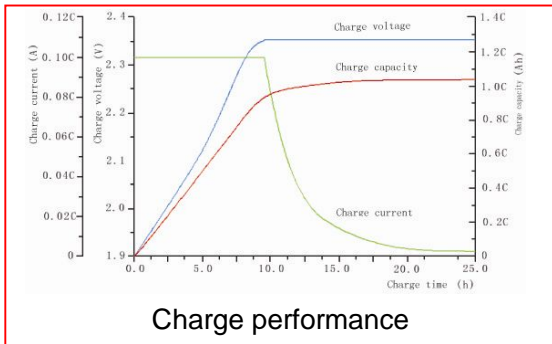


Battery Model	GFM-800C			
Designed Life	15Years			
Capacity(25°C)	10HR(80A,1.80V)	5HR(136A,1.80V)	3HR(200A,1.80V)	1HR(440A,1.75V)
	800AH	680AH	600AH	440AH
Dimensions	Length	Width	Height	Total Height
	350mm	173mm	338mm	347mm
Approx. Weight	49.0kg			
Internal Resistance	0.19mΩ for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum Discharge Current	4000A(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:120A		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	24
1.60	1680	1298	1074	924	734	615	533	464	356	289	213	170	143	124	110	98.7	89.6	82.4	35.3
1.65	1527	1189	993	861	692	586	511	456	347	284	210	168	141	123	109	97.7	88.7	81.7	35.1
1.70	1395	1091	918	802	653	557	489	443	339	279	207	166	139	122	108	96.9	87.8	81.1	34.8
1.75	1220	1005	864	765	630	542	478	440	333	274	204	163	138	120	107	95.9	87.0	80.5	34.6
1.80	1071	930	816	729	607	524	463	419	324	268	200	161	136	119	106	94.9	86.1	80.0	34.4

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	24
1.60	2448	2104	1774	1571	1236	1036	916	816	635	525	390	311	264	232	209	190	174	159	70.8
1.65	2249	1910	1626	1448	1148	976	871	788	611	507	379	304	259	227	207	188	171	156	69.9
1.70	1985	1750	1512	1354	1071	925	824	765	595	493	371	298	256	224	204	185	169	154	68.9
1.75	1778	1618	1409	1259	1005	869	787	729	578	481	364	293	251	222	202	183	166	152	67.8
1.80	1634	1485	1291	1160	942	821	759	697	561	468	356	288	247	218	198	180	164	151	66.7

Performance Curve:


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