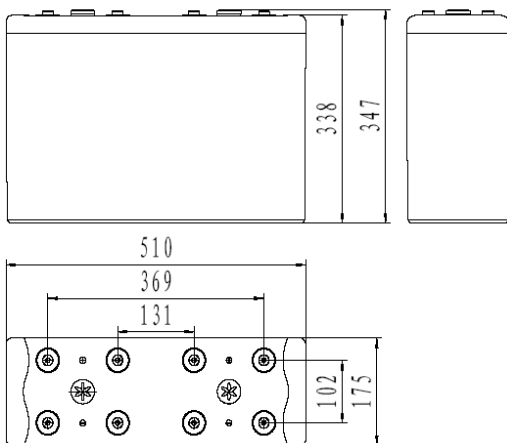


Product Features

- 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

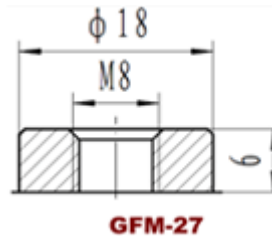
- Telecom
- Wireless and fixed communication application field;
- General electronic;
- Universal;
- EPS/UPS

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

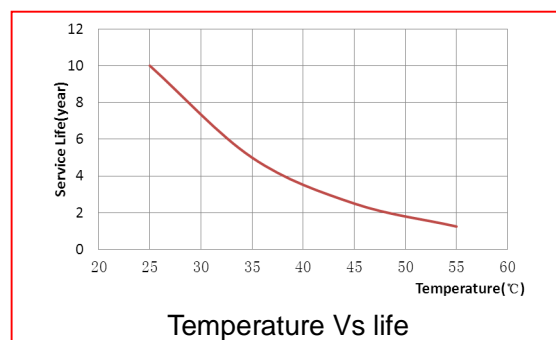
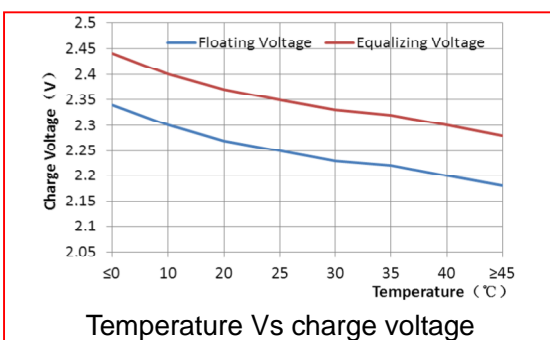
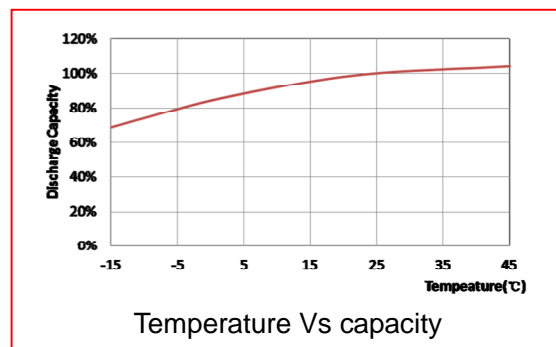
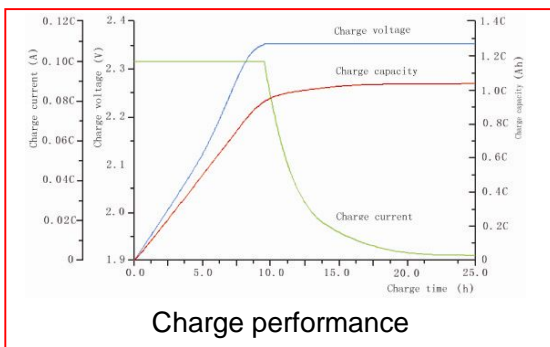


Battery Model	GFM-1200C			
Designed Life	15Years			
Capacity(25°C)	10HR(120A,1.80V)	5HR(204A,1.80V)	3HR(300A,1.80V)	1HR(660A,1.75V)
	1200AH	1020AH	900AH	660AH
Dimensions	Length	Width	Height	Total Height
	510mm	175mm	338mm	347mm
Approx. Weight	71.5kg			
Internal Resistance	0.18mΩ for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum Discharge Current	6000A(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:180A		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	2520	1947	1611	1387	1101	922	799	696	534	433	320	255	214	186	165	148	134	124	52.9
1.65	2291	1783	1489	1292	1038	878	766	684	521	426	315	252	211	184	163	147	133	123	52.6
1.70	2092	1636	1377	1204	979	835	734	664	508	418	311	248	209	183	162	145	132	122	52.3
1.75	1830	1507	1297	1147	946	813	717	660	500	411	306	245	206	180	161	144	130	121	51.9
1.80	1606	1395	1224	1094	910	786	695	629	486	401	300	241	204	178	159	142	129	120	51.5

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	3672	3156	2661	2356	1854	1554	1375	1224	953	787	585	467	396	348	314	285	260	238	106
1.65	3373	2865	2438	2173	1722	1464	1307	1182	916	760	569	456	389	341	310	281	257	234	105
1.70	2977	2625	2268	2032	1607	1388	1237	1148	893	740	557	448	384	336	306	278	253	231	103
1.75	2668	2428	2114	1889	1507	1304	1181	1094	868	721	546	440	377	332	302	274	250	228	102
1.80	2452	2228	1937	1740	1413	1232	1138	1045	841	701	534	431	370	327	297	271	246	226	100

Performance Curve:


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