

**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**

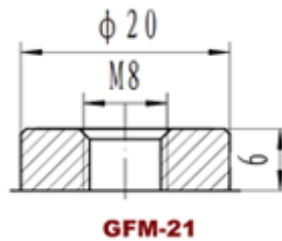
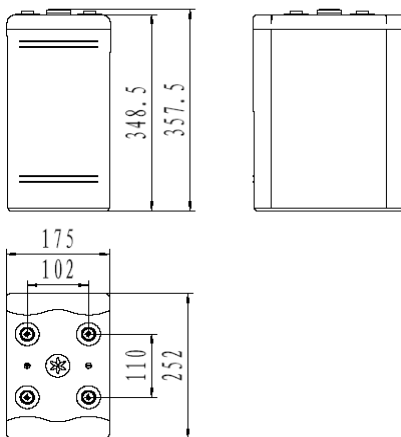
- Telecom
- Wireless and fixed communication application field;
- General electronic;
- Universal;
- EPS/UPS

**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

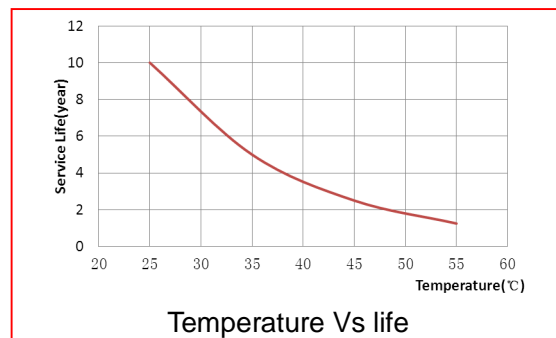
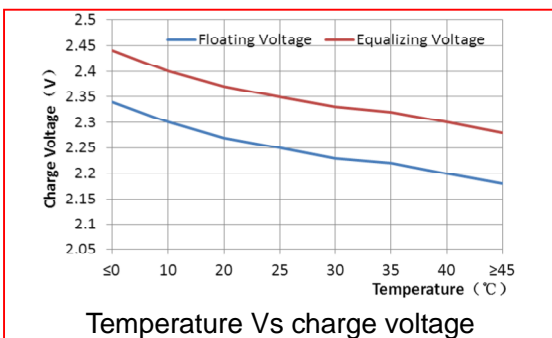
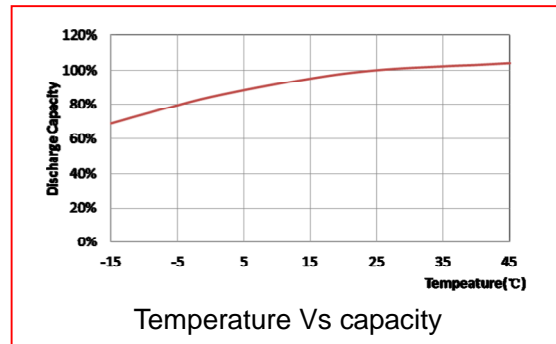
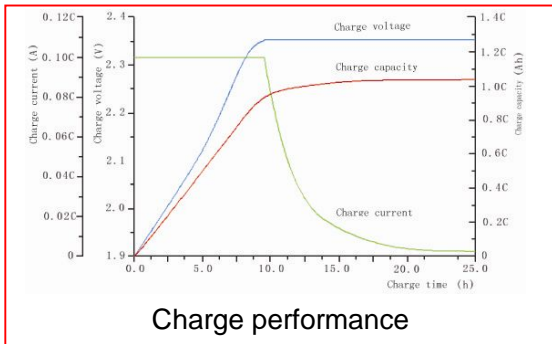


Battery Model	GFM-600C			
Designed Life	15Years			
Capacity(25°C)	10HR(60A,1.80V)	5HR(102A,1.80V)	3HR(150A,1.80V)	1HR(330A,1.75V)
	600AH	510AH	450AH	330AH
Dimensions	Length	Width	Height	Total Height
	252mm	175mm	348.5mm	357.5mm
Approx. Weight	36kg			
Internal Resistance	0.36mΩ for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum 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:90A		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	12
1.60	1260	973	805	693	550	461	399	348	267	217	160	127	107	93.1	82.4	74.0	67.2	61.8	26.5
1.65	1145	891	744	646	519	439	383	342	261	213	158	126	106	92.2	81.7	73.3	66.5	61.3	26.3
1.70	1046	818	689	602	489	418	367	332	254	209	155	124	105	91.3	81.0	72.6	65.8	60.8	26.1
1.75	915	753	648	574	473	406	359	330	250	205	153	123	103	90.1	80.3	71.9	65.2	60.4	26.0
1.80	803	697	612	547	455	393	347	314	243	201	150	121	102	89.0	79.3	71.1	64.6	60.0	25.8

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	1836	1578	1331	1178	927	777	687	612	476	394	292	233	198	174	157	142	130	119	53.1
1.65	1687	1433	1219	1086	861	732	653	591	458	380	284	228	194	171	155	141	128	117	52.4
1.70	1489	1313	1134	1016	804	694	618	574	446	370	279	224	192	168	153	139	127	116	51.6
1.75	1334	1214	1057	944	753	652	590	547	434	361	273	220	188	166	151	137	125	114	50.9
1.80	1226	1114	968	870	706	616	569	522	421	351	267	216	185	164	149	135	123	113	50.0

**Performance Curve:**


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