

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

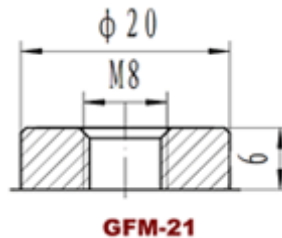
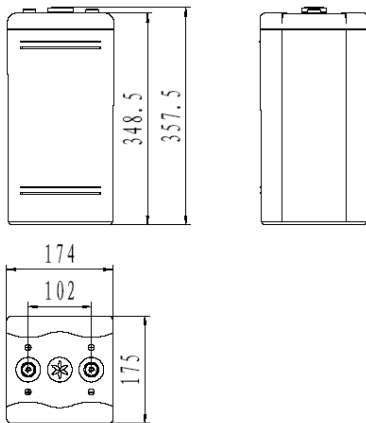
- Telecom
- Wireless and fixed communication application field;
- General electronic;
- Universal;
- EPS/UPS

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

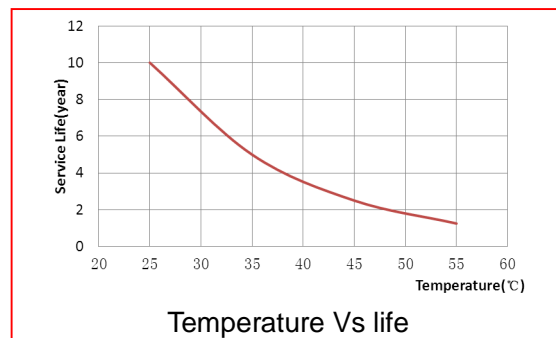
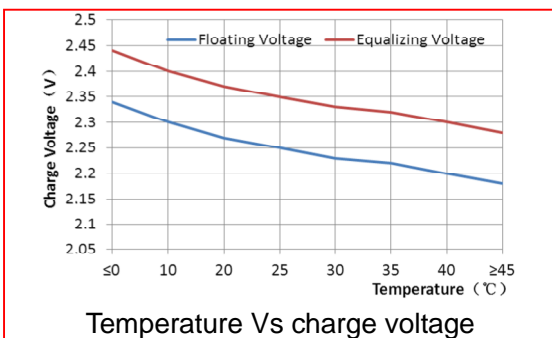
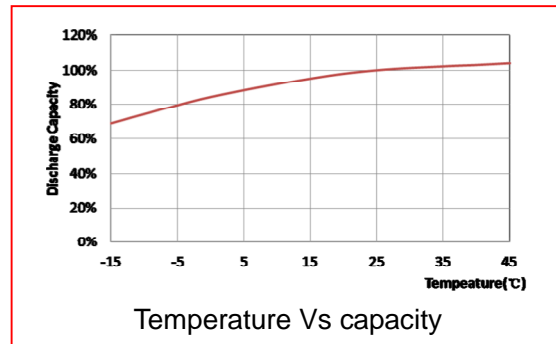
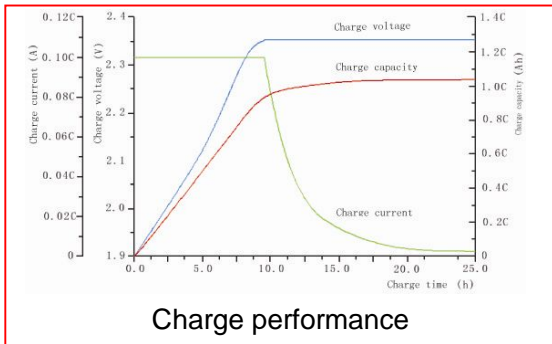


Battery Model	GFM-400C			
Designed Life	15Years			
Capacity(25°C)	10HR(40A,1.80V)	5HR(68A,1.80V)	3HR(100A,1.80V)	1HR(220A,1.75V)
	400AH	340AH	300AH	220AH
Dimensions	Length	Width	Height	Total Height
	175mm	174mm	348.5mm	357.5mm
Approx. Weight	24.0kg			
Internal Resistance	0.36mΩ for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum Discharge Current	2000A(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	24
1.60	840	649	537	462	367	307	266	232	178	144	107	84.9	71.3	62.1	54.9	49.4	44.8	41.2	17.6
1.65	764	594	496	431	346	293	255	228	174	142	105	83.9	70.5	61.4	54.5	48.9	44.3	40.9	17.5
1.70	697	545	459	401	326	278	245	221	169	139	104	82.8	69.7	60.8	54.0	48.4	43.9	40.5	17.4
1.75	610	502	432	382	315	271	239	220	167	137	102	81.7	68.8	60.1	53.5	48.0	43.5	40.3	17.3
1.80	535	465	408	365	303	262	232	210	162	134	100	80.5	68.0	59.3	52.8	47.4	43.0	40.0	17.2

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	1224	1052	887	785	618	518	458	408	318	262	195	156	132	116	105	94.9	86.8	79.3	35.4
1.65	1124	955	813	724	574	488	436	394	305	253	190	152	130	114	103	93.8	85.5	77.9	34.9
1.70	992	875	756	677	536	463	412	383	298	247	186	149	128	112	102	92.6	84.5	77.2	34.4
1.75	889	809	705	630	502	435	394	365	289	240	182	147	126	111	101	91.4	83.2	76.1	33.9
1.80	817	743	646	580	471	411	379	348	280	234	178	144	123	109	99.0	90.2	82.1	75.3	33.3

Performance Curve:


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