

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

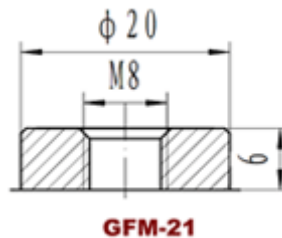
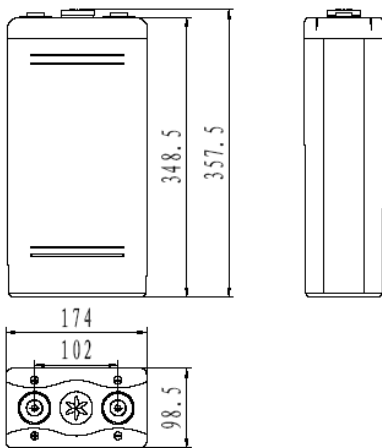
- Telecom
- Wireless and fixed communication application field;
- General electronic;
- Universal;
- EPS/UPS

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

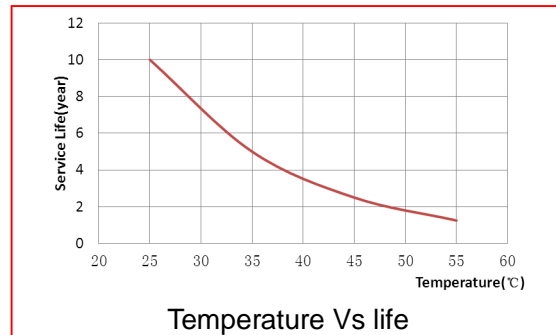
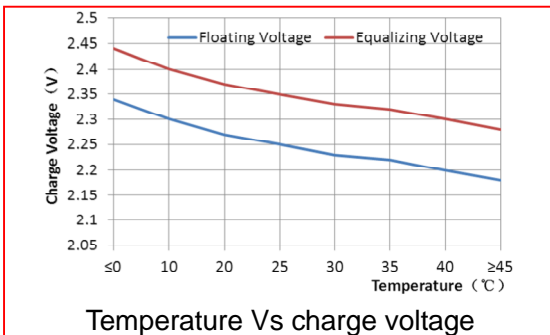
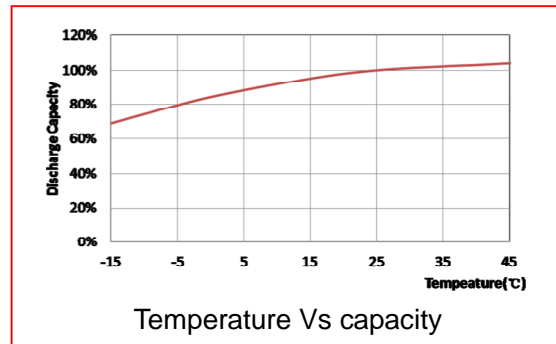
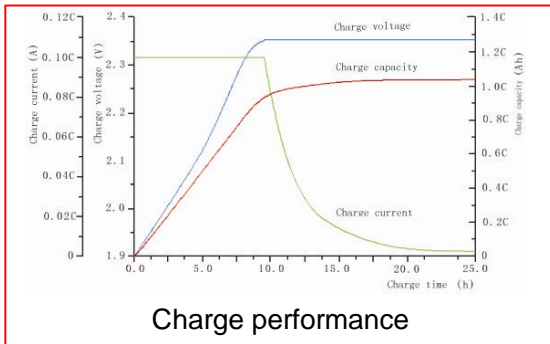


Battery Model	GFM-200C			
Designed Life	15Years			
Capacity(25°C)	10HR(20A,1.80V)	5HR(34A,1.80V)	3HR(50A,1.80V)	1HR(110A,1.75V)
	200AH	170AH	150AH	110AH
Dimensions	Length	Width	Height	Total Height
	98.5mm	174mm	348.5mm	357.5mm
Approx. Weight	13.5kg			
Internal Resistance	0.50mΩ for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum Discharge Current	1000A(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:30A		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	420	324	268	231	183	154	133	116	89.0	72.2	53.3	42.5	35.7	31.0	27.5	24.7	22.4	20.6	8.82
1.65	382	297	248	215	173	146	128	114	86.9	71.0	52.5	41.9	35.2	30.7	27.2	24.4	22.2	20.4	8.76
1.70	349	273	230	201	163	139	122	111	84.6	69.7	51.8	41.4	34.9	30.4	27.0	24.2	21.9	20.3	8.71
1.75	305	251	216	191	158	135	120	110	83.3	68.5	50.9	40.9	34.4	30.0	26.8	24.0	21.7	20.1	8.65
1.80	268	232	204	182	152	131	116	105	81.0	66.9	50.0	40.2	34.0	29.7	26.4	23.7	21.5	20.0	8.59

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	612	526	444	393	309	259	229	204	159	131	97.4	77.8	66.0	58.0	52.3	47.5	43.4	39.6	17.7
1.65	562	478	406	362	287	244	218	197	153	127	94.8	76.0	64.8	56.8	51.6	46.9	42.8	38.9	17.5
1.70	496	438	378	339	268	231	206	191	149	123	92.8	74.6	63.9	56.1	51.0	46.3	42.2	38.6	17.2
1.75	445	405	352	315	251	217	197	182	145	120	90.9	73.3	62.8	55.4	50.4	45.7	41.6	38.1	17.0
1.80	409	371	323	290	235	205	190	174	140	117	89.1	71.9	61.7	54.5	49.5	45.1	41.0	37.7	16.7

Performance Curve:


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