

Product Features

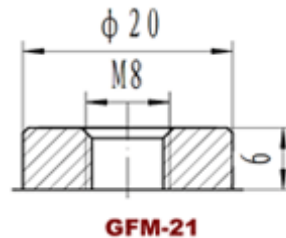
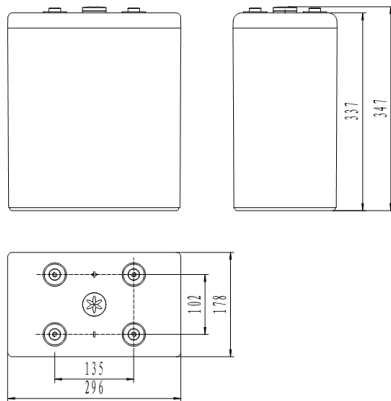
- use special lead tin polybasic alloy, special grid structure design greatly improving plate's anti-corrosion performance
- Adding imported 4BS crystal in positive active material, ensuring battery's accordance and good cyclic performance.
- Using special formula material separator, with high wet keep ability, effectively prevent the falling of the active material.
- Use high strength and heat-resistance container material, design of streamlined large rounded container structure, no bulge, deformation and cracking under high temperature ;
- low density electrolyte, it can lower the grid corrosion speed and solve the battery water loss problem in high temperature

Application

- High Temperature BTS,
- Unstable grid BTS
- Remote area BTS
- Solar & Wind Storage System

Compliant Standards

- GB/T 22473-2008;
- YD/T 799-2010;
- JIS C8704-1: 2006;
- JIS C8704-2: 2006;
- IEC 60896-21/22: 2004;
- IEC 61427-2005

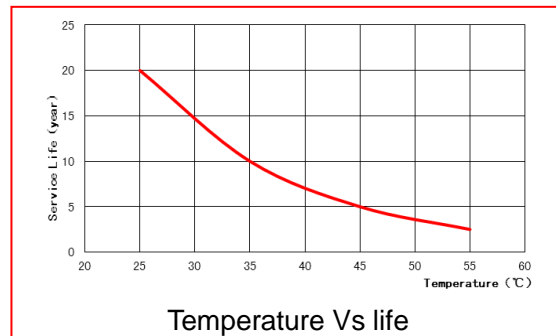
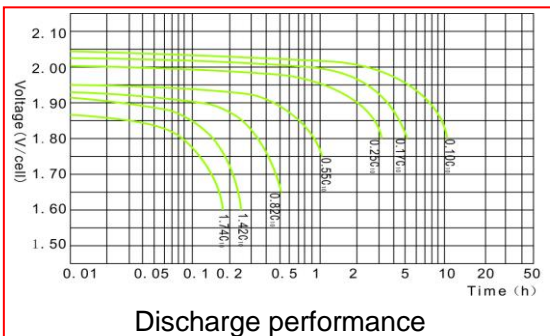
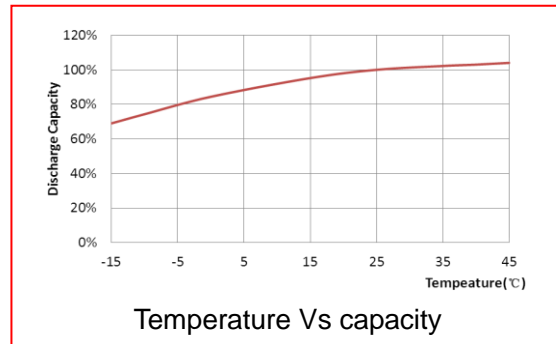
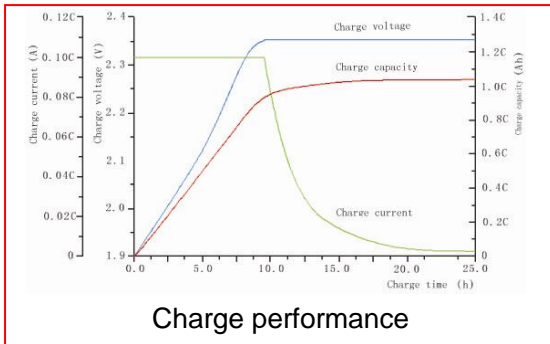


Battery Model	GFM-600HT			
Designed Life	10Years(35℃)			
Capacity(25℃)	10HR(60A,1.80V)	5HR(109A,1.80V)	3HR(159A,1.80V)	1HR(348A,1.75V)
	600AH	545AH	477AH	348AH
Dimensions	Length	Width	Height	Total Height
	296mm	178mm	337mm	347mm
Approx. Weight	43.0kg			
Internal Resistance	0.35mΩ for fully charged battery at 25℃ Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum Discharge Current	3300A(5 Sec.)			
Self Discharge	≤1% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	2.35V(-3.0mV/℃, max charge current:120A)		2.25V(-3.0mV/℃)	

Discharge parameter:

Constant current discharge data (25°C , A)													
End voltage (V/cell)	min					h							
	5	10	15	20	30	1	2	3	5	6	8	10	24
1.60	1428	1094	896	757	595	373	229	169	114	100	79.7	68.3	29.2
1.65	1274	992	821	699	556	363	225	166	113	99.2	78.9	67.2	29.0
1.70	1164	902	752	669	519	350	221	164	111	98.2	78.2	66.0	28.8
1.75	1000	826	701	627	499	348	217	161	110	97.0	77.4	64.3	28.6
1.80	886	754	656	584	479	336	212	159	109	95.8	76.6	60.0	28.4

Constant power discharge data (25°C , W/cell)													
End voltage (V/cell)	min					h							
	5	10	15	20	30	1	2	3	5	6	8	10	24
1.60	2410	1880	1571	1364	1106	723	458	334	226	199	163	136	67.2
1.65	2171	1691	1425	1246	1035	692	443	325	222	195	161	133	66.0
1.70	1918	1535	1313	1150	968	668	431	318	219	192	159	132	64.9
1.75	1688	1412	1212	1071	906	637	420	311	215	190	157	130	63.9
1.80	1564	1290	1114	986	851	616	408	305	211	187	154	129	63.2

Performance Curve:


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