

### Product Features

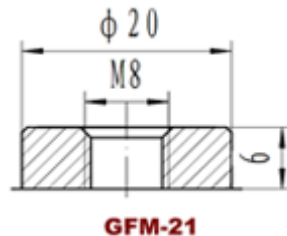
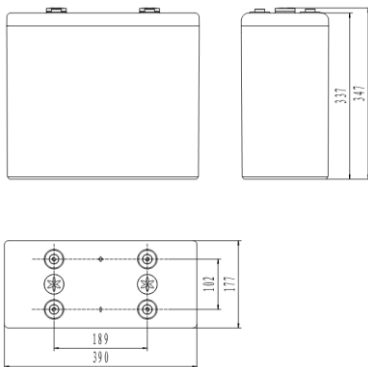
- use special lead tin polybasic alloy, special grid structure design greatly improving plate's anti-corrosion performance
- Adding imported 4BS crystal in positive active material, ensuring battery's accordance and good cyclic performance.
- Using special formula material separator, with high wet keep 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

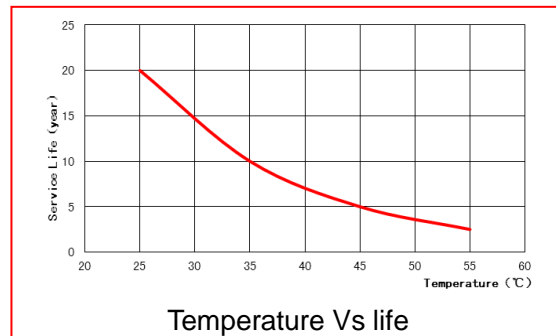
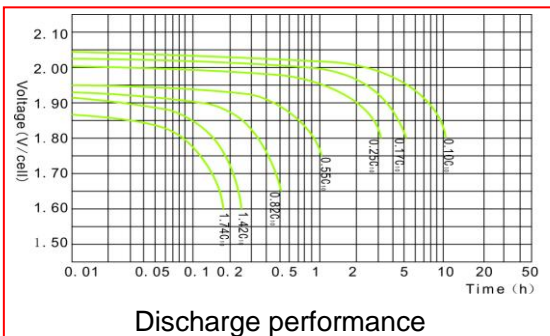
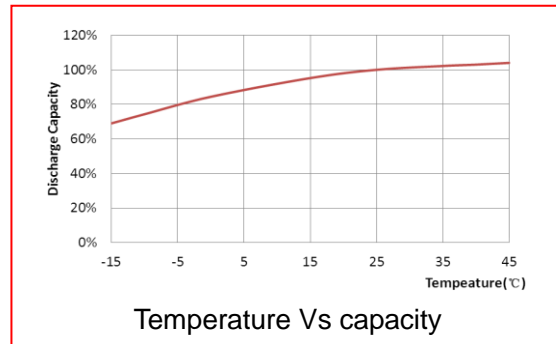
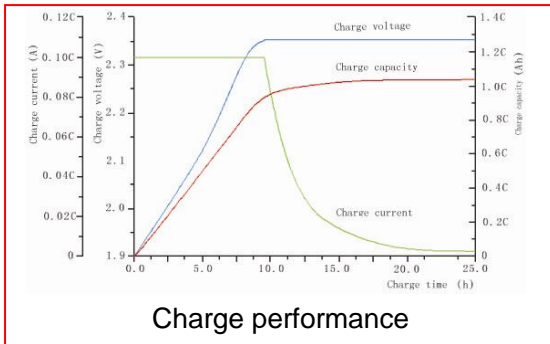


Battery Model	GFM-800HT			
Designed Life	10Years(35℃)			
Capacity(25℃)	10HR(80A,1.80V)	5HR(145A,1.80V)	3HR(212A,1.80V)	1HR(464A,1.75V)
	800AH	725AH	636AH	464AH
Dimensions	Length	Width	Height	Total Height
	390mm	177mm	337mm	347mm
Approx. Weight	57.0kg			
Internal Resistance	0.15mΩ for fully charged battery at 25℃ Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum Discharge Current	4400A(5 Sec.)			
Self Discharge	≤1% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	2.35V(-3.0mV/℃, max charge current:160A)		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	1904	1458	1195	1009	794	497	305	225	152	134	106.2	91.1	38.9
1.65	1698	1323	1094	931	741	484	300	222	150	132	105.2	89.5	38.7
1.70	1552	1202	1003	892	692	467	294	219	149	131	104.3	88.0	38.4
1.75	1334	1102	935	836	665	464	289	215	147	129	103.2	85.8	38.2
1.80	1181	1006	874	778	639	448	282	212	145	128	102.1	80.0	37.9

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	3214	2507	2094	1819	1475	964	611	445	301	265	217	181	89.7
1.65	2895	2255	1901	1661	1380	922	590	433	296	260	214	178	88.0
1.70	2557	2046	1751	1533	1291	891	574	424	292	256	212	176	86.5
1.75	2251	1882	1616	1428	1207	849	560	415	287	253	209	174	85.2
1.80	2086	1720	1485	1314	1135	822	545	407	282	249	206	172	84.3

**Performance Curve:**


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