

### Product Features

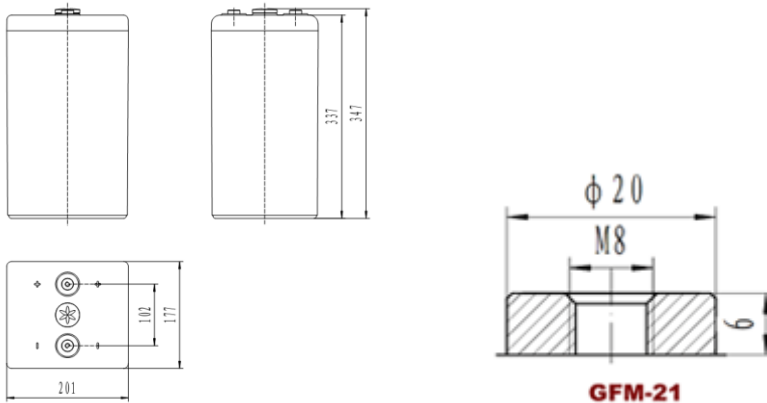
- use special lead tin polybasic alloy, special grid structure design greatly improving plate's anti-corrosion performance
- Adding imported 4BS crystal in positive active material, ensuring battery's accordance and good cyclic performance.
- Using special formula material separator, with high wet keep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

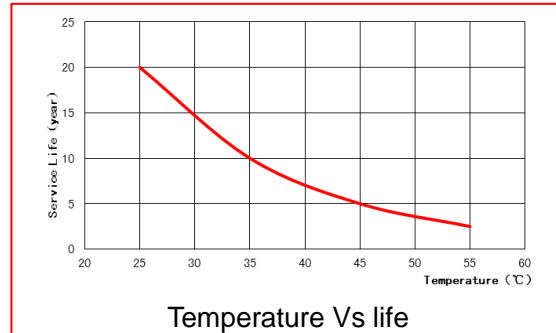
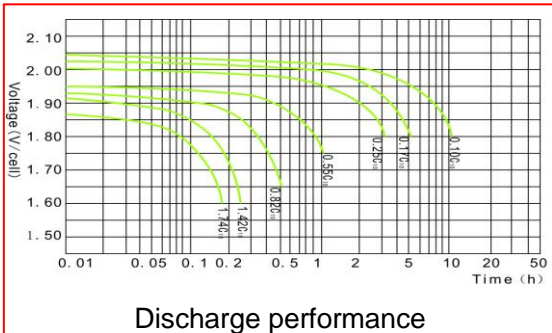
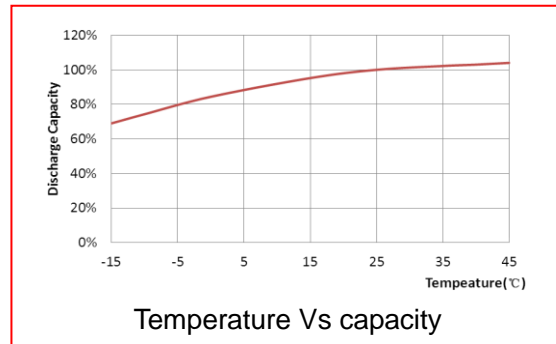
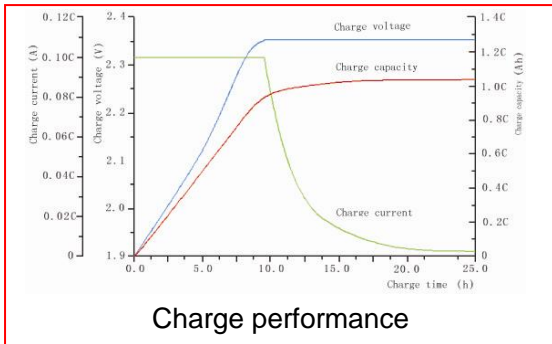


Battery Model	GFM-400HT			
Designed Life	10Years(35℃)			
Capacity(25℃)	10HR(40A,1.80V)	5HR(72.5A,1.80V)	3HR(106A,1.80V)	1HR(232A,1.75V)
	400AH	362.5AH	318AH	232AH
Dimensions	Length	Width	Height	Total Height
	201mm	177mm	337mm	347mm
Approx. Weight	29.0kg			
Internal Resistance	0.30mΩ for fully charged battery at 25℃ Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Maximum Discharge Current	2200A(5 Sec.)			
Self Discharge	≤1% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	2.35V(-3.0mV/℃, max charge current:80A)		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	952	729	598	505	397	248	152	112	76.0	66.8	53.1	45.5	19.5
1.65	849	661	547	466	371	242	150	111	75.1	66.1	52.6	44.8	19.3
1.70	776	601	501	446	346	234	147	109	74.3	65.5	52.1	44.0	19.2
1.75	667	551	467	418	333	232	145	108	73.3	64.7	51.6	42.9	19.1
1.80	590	503	437	389	319	224	141	106	72.5	63.8	51.0	40.0	18.9

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	1607	1254	1047	909	737	482	305	222	151	132	108.3	90.5	44.8
1.65	1447	1127	950	831	690	461	295	216	148	130	107.1	88.9	44.0
1.70	1279	1023	875	767	645	446	287	212	146	128	105.8	88.1	43.2
1.75	1126	941	808	714	604	425	280	208	143	126	104.4	86.9	42.6
1.80	1043	860	742	657	567	411	272	203	141	124	103.0	86.0	42.2

**Performance Curve:**


Address: NO.1 Shengyang Road, Qufu, Shandong 273100 China

Tel: +86-537-4438666-6028

Fax: +86-537-4411936

E-mail: sales@sacredsun.cn

<http://www.sacredsun.com>