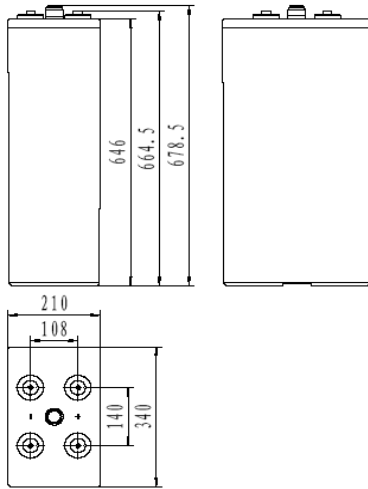


Product Features

- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO₂ as main electrolyte, which is in dilute sol state when injecting and filled in the whole plate space so that the plate can fully react. The GEL state electrolyte prevents leakage and layering;
- Low resistance PVC-SiO₂ micro-porous separator ensure low internal resistance;
- ABS containers and covers (FV0 optional)



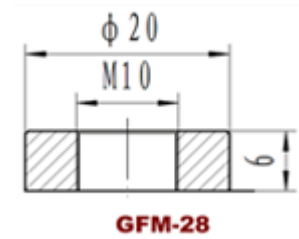
Application

- Renewable Energy;
- Energy utility: production, Transport, distribution, switchgear
- Telecom
- General electronic
- Mobility & leisure
- EPS/UPS

Compliant Standards

- IEC 60896-21/22 : 2004
- IEC 61427-2005
- DIN43539-T5 1984
- DIN40742:1999
- GB/T 22473-2008
- GB/T 22473-2008
- Passed ISO9001、ISO14001、OHSAS18001 certificate
- Eurobat guide;

Safety

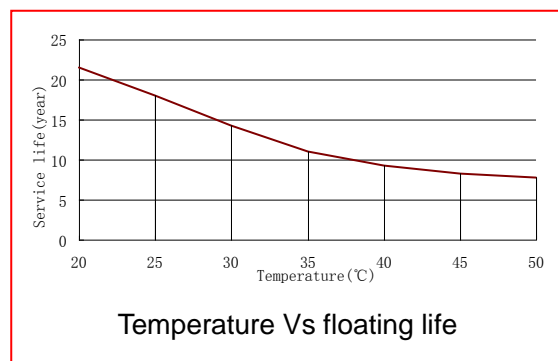
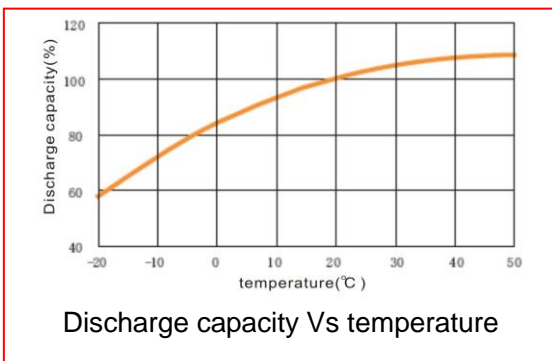
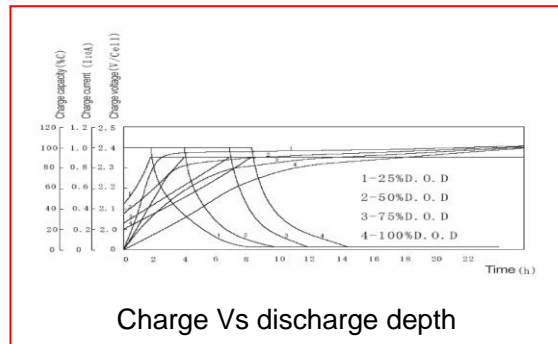
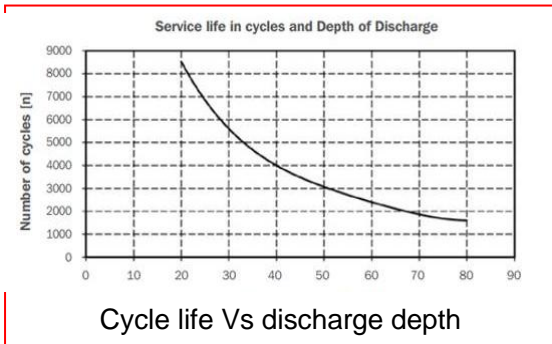


Battery Model	GFMJ-1500H			
Designed Life	18 Years			
Capacity(25℃)	10HR(150A,1.80V)	5HR(255A,1.80V)	3HR(375A,1.80V)	1HR(750A,1.80V)
	1500AH	1275AH	1125AH	750AH
Dimensions	Length	Width	Height	Total Height
	340mm	210mm	646mm	678.5mm
Approx. Weight	112.5kg			
Internal Resistance	0.24mΩ			
Max Discharge Current	6084A(3 Sec.)			
Self Discharge	≤3% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	2.33V(-3.5mV/℃), max charge current:300A		2.23V(-3.5mV/℃)	

Discharge parameter:

Constant current discharge data (25°C , A)																		
End voltage (V/cell)	5min	10min	15min	20min	30min	1h	2h	3h	5h	6h	8h	10h	20h	24h	48h	100h	120h	240h
1.65	1925	1721	1505	1307	1109	863	568	442	304	255	199	175	91.0	76.3	39.0	19.0	16.0	8.05
1.70	1804	1613	1396	1211	1078	825	533	419	287	248	191	165	91.0	76.3	39.0	19.0	16.0	8.05
1.75	1721	1543	1364	1173	1020	788	504	397	272	232	184	158	86.0	73.0	39.0	19.0	16.0	8.05
1.80	1625	1466	1294	1084	982	750	478	375	255	217	176	150	81.0	69.0	39.0	19.0	16.0	8.05
1.85	1530	1384	1224	1020	925	713	452	355	245	211	167	142	77.0	68.0	39.0	19.0	16.0	8.05

Constant power discharge data (25°C , W/cell)																		
End voltage (V/cell)	5min	10min	15min	20min	30min	1h	2h	3h	5h	6h	8h	10h	20h	24h	48h	100h	120h	240h
1.65	3849	3440	3343	2903	2464	1763	1264	885	572	548	452	339	169	150	101	52	45	24.0
1.70	3468	3119	3001	2603	2315	1710	1238	855	564	530	435	328	169	150	101	52	45	24.0
1.75	3121	2881	2831	2434	2116	1665	1204	827	557	514	422	315	169	150	101	52	45	24.0
1.80	2719	2531	2483	2079	1883	1560	1178	795	540	495	405	308	165	150	101	52	45	24.0
1.85	2342	2200	2162	1802	1634	1523	1118	755	517	472	388	290	156	141	101	52	45	24.0

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