

Product Features

- Patent composite grid structure, a smaller plate spacing design which provide high current discharge performance and high power output
- Special wide-low type structure effectively prevent electrolyte stratification;
- Optimization for positive and negative active material ratio, battery has high power ratio;
- ABS containers and covers (FV0 optional)

Application

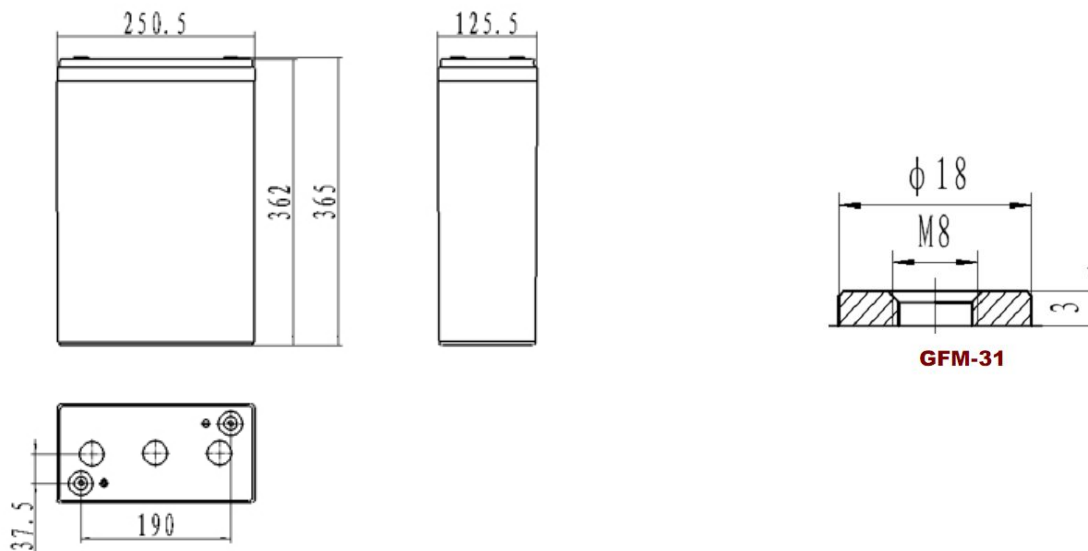
- UPS/EPS;
- Telecom;
- Emergency lighting;
- CATV;
- Energy utility: production, Transport, distribution; switchgear;
- General electronic.

Compliant Standards

- GB/T 19638.2-2005
- IEC 60896-21/22: 2004
- Passed ISO9001、ISO14001、OHSAS18001、UL and CE certificate
- Eurobat guide;

Safety

- installation compliant with:EN50272-2

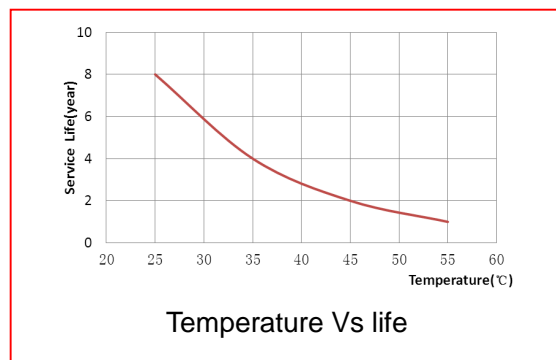
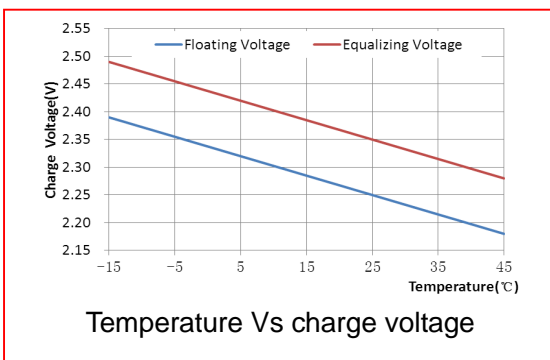
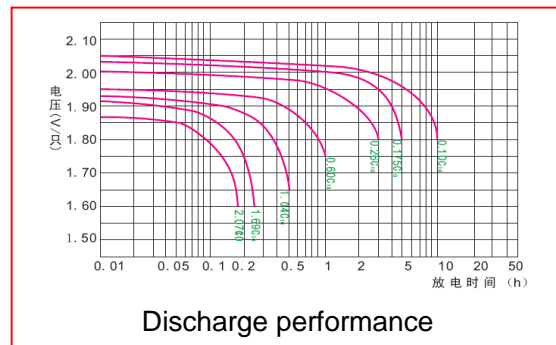
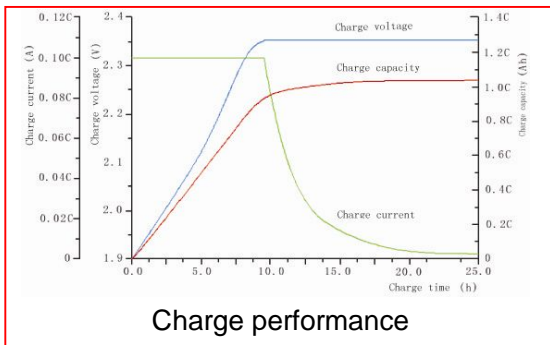


Battery Model	3GFMG-200			
Designed Life	12 Years			
Capacity(25°C)	10HR(20.0A,1.80)	5HR(36.7A,1.80V)	3HR(51.88A,1.80V)	1HR(136.3A,1.75V)
	200AH	183.5AH	155.64AH	136.3AH
Dimensions	Length	Width	Height	Total Height
	250.5mm	125.5mm	362mm	365mm
Approx. Weight	33.7kg			
Internal Resistance	1.55mΩ for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Max Discharge Current	1400A(5 Sec.)			
Self Discharge	≤1% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	2.35V/cell(-3.5mV/°C), max charge current:40A		2.25V/cell(-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
1.60	690.0	500.1	381.9	320.1	237.5	207.5	160.7	142.0	109.8	81.00	56.40	46.50	38.50	33.00	28.82	25.28	22.72	20.63
1.65	649.0	469.5	362.9	306.3	231.3	202.5	157.7	140.0	107.9	79.00	55.24	45.70	38.02	32.73	28.56	25.02	22.51	20.46
1.70	568.7	438.7	346.1	295.6	225.9	198.1	155.2	138.3	106.1	77.20	54.10	44.92	37.57	32.47	28.31	24.78	22.32	20.32
1.75	515.0	408.2	331.6	285.0	219.6	193.1	152.2	136.3	104.3	75.40	53.05	44.19	37.14	32.21	28.10	24.62	22.17	20.16
1.80	485.0	383.2	316.2	273.9	213.3	188.0	149.4	134.5	102.7	74.00	51.88	43.40	36.70	32.00	27.94	24.50	22.03	20.00

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
1.60	1180	840.0	676.0	555.0	435.0	382.4	301.6	270.0	208.3	155.0	108.6	89.45	74.00	64.00	55.63	48.50	44.22	40.83
1.65	1112	811.1	652.4	542.6	424.6	374.2	297.0	267.2	206.0	153.3	107.3	88.46	73.28	63.30	55.02	47.97	43.66	40.23
1.70	1048	780.0	628.4	524.1	413.2	365.1	292.0	264.0	203.7	151.8	106.1	87.51	72.48	62.56	54.44	47.53	43.22	39.79
1.75	985.9	740.8	604.4	507.8	404.5	357.8	287.1	260.2	201.2	150.4	105.0	86.54	71.59	61.62	53.63	46.83	42.58	39.19
1.80	930.0	703.0	577.7	487.5	396.3	351.0	282.8	257.0	198.9	149.0	104.0	85.51	70.50	61.00	53.06	46.30	42.03	38.60

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