

**Product Features**

- Patent rectangular gridding grid design which provide long service life;
- Special negative active material additives to improve the performance of high and low temperature and battery charge receptivity;
- Patent positive plate 4BS technology, high temperature and high humidity curing process which provide high cycle capability;
- Polar group tight assembly technology, effectively prevent the active material softening and shedding.

**Application**

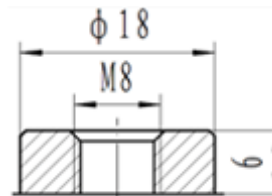
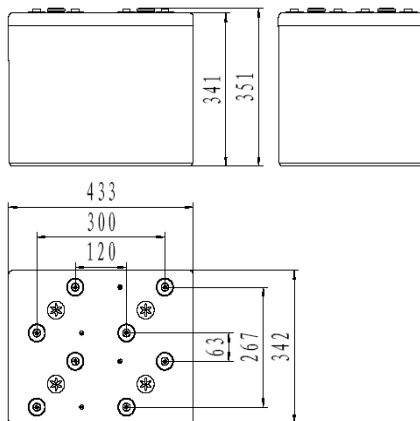
- Solar energy system
- Wind energy system
- Wind and solar complementary energy system

**Compliant Standards**

- GB/T 22473-2008
- IEC 61427-2005
- JIS C8704-1: 2006
- JIS C8704-2: 2006
- Passed ISO9001、ISO14001、OHSAS18001、UL、CE and Golden Sun certificate
- Eurobat guide;

**Safety**

- installation compliant with:EN50272-2

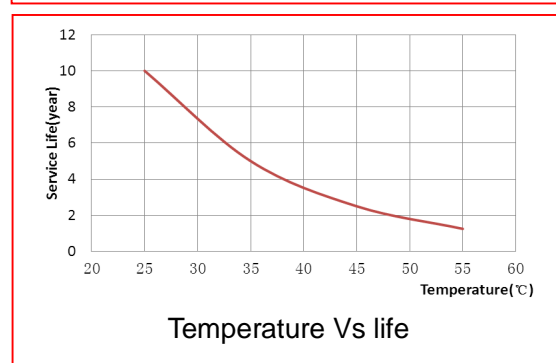
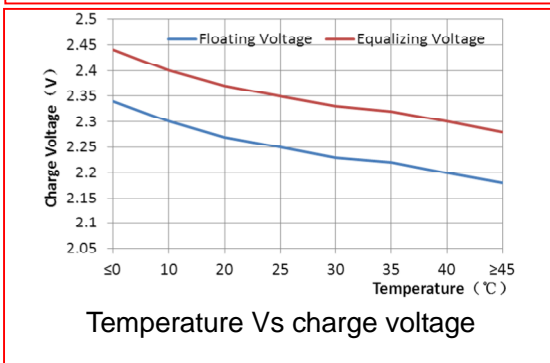
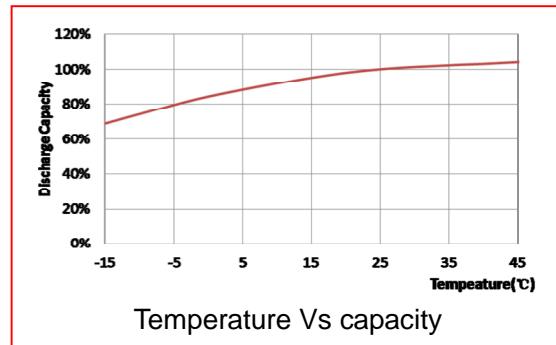
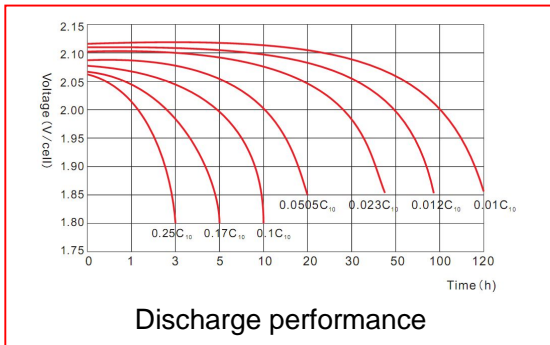

**GFM-27**

Battery Model	GFMU-2000C			
Designed Life	15Years			
Capacity(25℃)	120HR(20.0A,1.85V)		20HR(102A,1.80V)	10HR(200A,1.80V)
	2400AH		2040AH	2000AH
Dimensions	Length	Width	Height	Total Height
	433mm	342mm	341mm	351mm
Approx. Weight	118kg			
Internal Resistance	0.10mΩ for fully charged battery at 25℃ Test instrumentation: HIOKI 3551 BATTERY HITESTER (25			
Max Discharge Current	9000A(5 Sec.)			
Self Discharge	≤1% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	2.35V(-3.5mV/℃), max charge current:300A		2.25V(-3.5mV/℃)	

**Discharge parameter:**

Constant current discharge data (25°C, A)																	
End voltage (V/cell)	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h	24h	48h	96h	120h	240h
1.75	1100	690	507	410	343	300	268	242	221	201	169	103	88.3	47.3	24.7	20.5	10.5
1.80	1053	667	500	403	340	297	264	240	219	200	167	102	87.3	46.7	24.5	20.3	10.4
1.85	973	630	473	380	330	288	257	234	215	197	164	101	86.4	46.0	24.4	20.0	10.3
1.90	907	587	447	363	317	278	249	227	210	194	162	99	85.3	45.3	24.3	19.7	10.3
1.95	817	547	420	350	304	269	242	222	206	191	160	98	84.6	45.0	24.2	19.5	10.2

Constant power discharge data (25°C, W/cell)																	
End voltage (V/cell)	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h	24h	48h	96h	120h	240h
1.75	1823	1202	909	733	628	554	504	457	416	381	325	205	177	92.7	47.8	39.5	20.7
1.80	1741	1169	891	719	617	545	495	451	410	377	322	203	175	92.2	47.6	39.3	20.6
1.85	1669	1132	868	705	603	537	487	445	403	369	318	202	174	91.9	47.4	39.1	20.5
1.90	1597	1098	843	689	590	526	478	438	395	360	314	200	173	91.3	47.2	38.9	20.5
1.95	1509	1056	820	673	575	515	470	427	387	354	309	199	172	91.2	47.0	38.7	20.4

**Performance Curve:**


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