

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

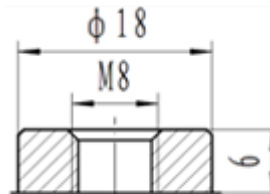
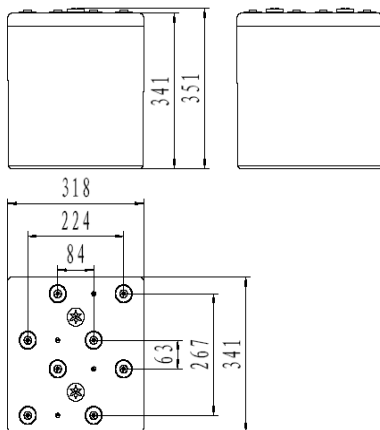
- Solar energy system
- Wind energy system
- Wind and solar complementary energy system

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

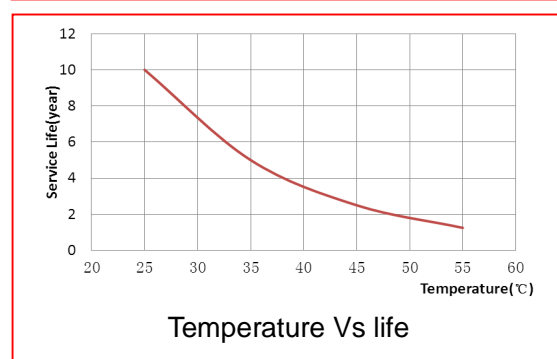
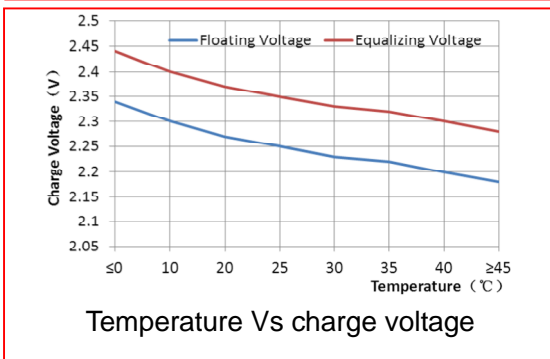
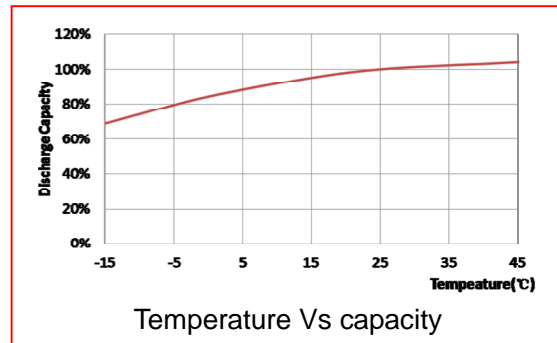
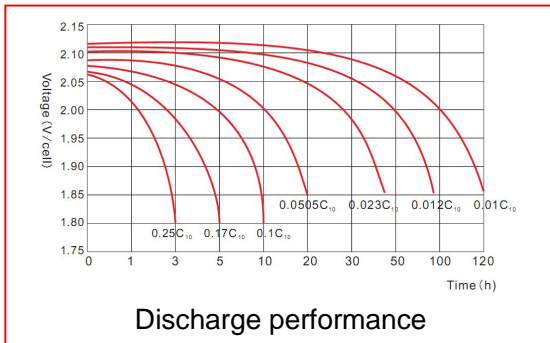

GFM-27

Battery Model	GFMU-1500C			
Designed Life	15Years			
Capacity(25°C)	120HR(15.0A,1.85V)		20HR(76.5A,1.80V)	10HR(150A,1.80V)
	1800AH		1530AH	1500AH
Dimensions	Length	Width	Height	Total Height
	318mm	341mm	341mm	351mm
Approx. Weight	86.5kg			
Internal Resistance	0.18mΩ for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER (25			
Max Discharge Current	7500A(5 Sec.)			
Self Discharge	≤1% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	2.35V(-3.5mV/°C), max charge current:225A		2.25V(-3.5mV/°C)	

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	825	518	380	308	258	225	201	182	166	151	127	77.5	66.3	35.5	18.5	15.4	7.85
1.80	790	500	375	303	255	223	198	180	164	150	125	76.5	65.5	35.0	18.4	15.2	7.80
1.85	730	473	355	285	247	216	193	175	161	148	123	75.5	64.8	34.5	18.3	15.0	7.75
1.90	680	440	335	273	238	209	187	171	158	145	122	74.5	64.0	34.0	18.2	14.8	7.70
1.95	613	410	315	263	228	202	182	166	155	143	120	73.5	63.5	33.8	18.2	14.6	7.65

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	1368	901	682	549	471	416	378	343	312	286	244	154	132	69.5	35.8	29.7	15.5
1.80	1306	877	668	539	463	409	371	338	308	283	241	153	132	69.1	35.7	29.5	15.5
1.85	1252	849	651	528	453	402	365	334	302	277	239	151	131	69.0	35.5	29.3	15.4
1.90	1197	824	633	517	442	395	359	329	296	270	236	150	130	68.5	35.4	29.2	15.4
1.95	1132	792	615	504	431	386	352	321	290	265	232	149	129	68.4	35.3	29.0	15.3

Performance Curve:


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