

Product Features

- Larger capacity, thick plate structural design, long battery life;
- Horizontal installation method effectively prevent electrolyte stratification;
- Multi layer stacking, modular structure design is convenient for installation and maintenance, effectively save space;

Application

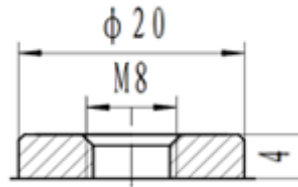
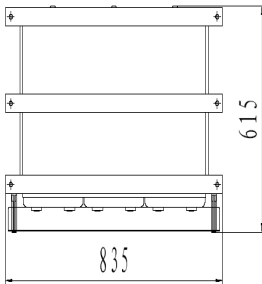
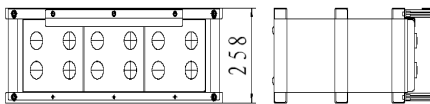
- Telecom
- Emergency lighting
- General electronic
- Energy utility: production, Transport, distribution, switchgear
- Renewable Energy;
- EPS/UPS

Compliant Standards

- GB/T 19638.2-2005
- YD/T 799-2010
- DL/T 637-1997
- IEC 60896-21/22: 2004
- Passed ISO9001、ISO14001、OHSAS18001、UL and CE certificate
- Eurobat guide;

Safety

- installation compliant with:EN50272-2



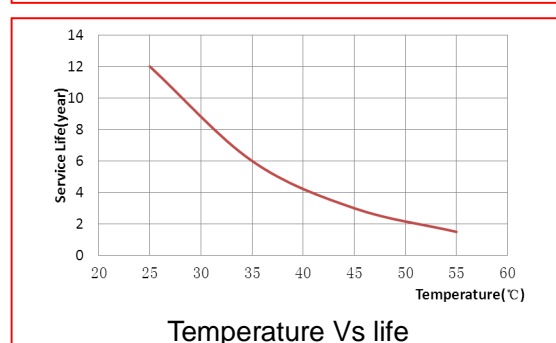
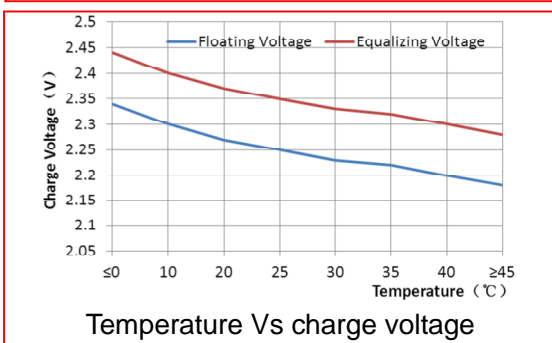
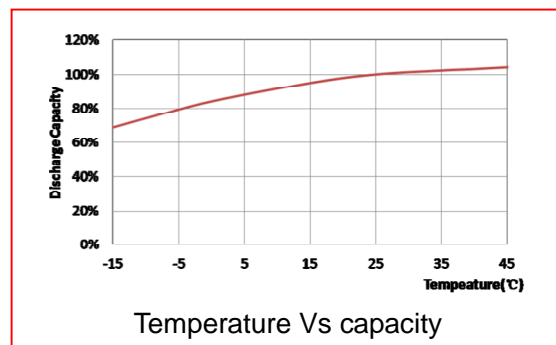
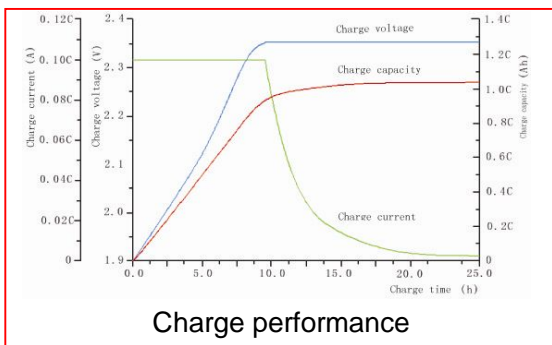
GFM-26

Battery Module	3GFM-1000H			
Battery pcs per module	3 Pcs per module			
Designed Life	18 Years			
Capacity(25°C)	10HR(100A,1.80V)	5HR(170A,1.80V)	3HR(250A,1.80V)	1HR(550A,1.75V)
	1000AH	850AH	750AH	550AH
Dimensions	Depth	Width	Height	Total Height
	615mm	835mm	258mm	258mm
Approx. Weight	218.1kg			
Internal Resistance	0.31m Ω per battery for fully charged battery at 25°C Test instrumentation: HIOKI 3551 BATTERY HITESTER			
Max Discharge Current	4500A(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:150A		2.25V(-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	24
1.60	1450	1288	1200	1127	979	804	676	589	431	362	266	211	179	156	140	128	115	104	47.3
1.65	1339	1194	1130	1050	902	753	646	571	425	352	260	209	176	155	138	126	113	103	46.5
1.70	1240	1125	1070	979	826	708	621	558	419	341	257	206	174	153	137	124	112	102	45.6
1.75	1156	1062	1010	916	762	668	604	550	412	336	254	204	172	151	136	123	111	101	44.9
1.80	1040	989	942	861	716	631	575	518	404	332	250	202	170	150	134	122	110	100	44.0

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	24
1.60	2300	2171	2026	1866	1583	1370	1210	1082	845	693	509	411	348	305	273	247	225	207	97.6
1.65	2147	2026	1896	1746	1498	1305	1168	1052	824	676	499	402	342	298	268	243	221	203	96.3
1.70	2004	1887	1758	1623	1417	1251	1124	1028	805	659	488	393	334	292	262	238	217	199	95.1
1.75	1879	1769	1659	1531	1337	1199	1095	1004	785	643	475	382	325	285	256	233	213	196	93.8
1.80	1731	1641	1542	1433	1276	1149	1063	978	769	625	466	374	318	279	251	228	209	193	92.7

Performance Curve:


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