

GFMD-C Series

GFMD-2500C 2V 2500Ah

GFMD-C series VRLA battery uses latest AGM technology, high purity raw materials and many patented technologies that ensure its long floating and cycle life, it is applicable to less frequency of power failure, and shallow discharge of depth site. It is mainly used for indoor telecommunication base station.

Benefits

- Long life according to EUROBAT Classification
- High discharge performance
- 99%+ gas recombination efficiency
- Maximum charge efficiency
- Low self-discharge rate
- Vertical installation

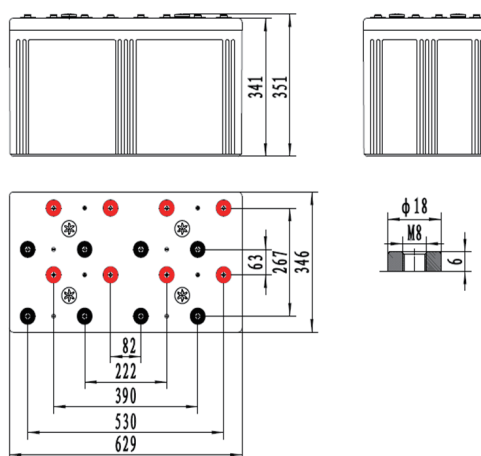
Applications

- Telecommunications
- Power system
- UPS
- Emergency power

Standards

- IEC 60896-21/22
- JIS C8704-1/2
- EUROBAT guide

Drawing



Specifications

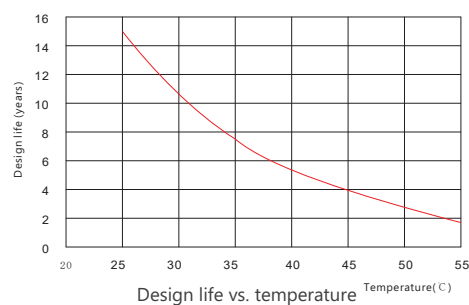
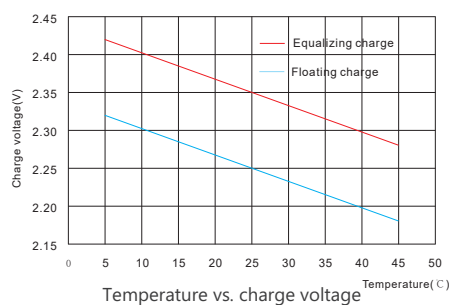
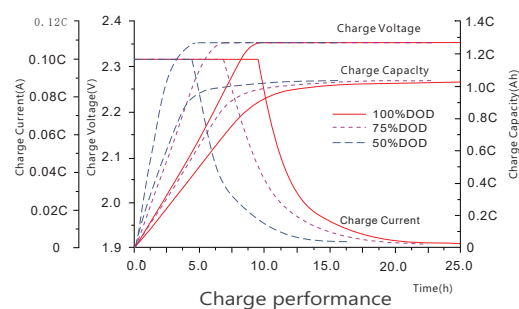
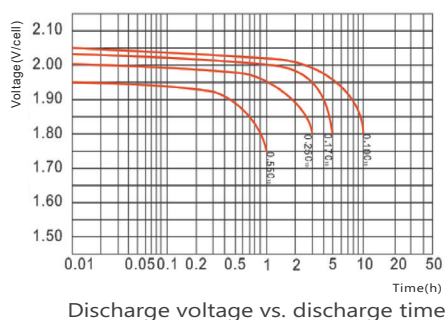
Battery Model	GFMD-2500C			
Design Life (years, 25°C)	15			
Capacity (Ah, 25°C)	10HR (250A, 1.80V)	5HR (425A, 1.80V)	3HR (625A, 1.80V)	1HR (1375A, 1.75V)
	2500	2125	1875	1375
Dimensions (mm)	Length	Width	Height	Total Height
	629	346	341	351
Approx. Weight (kg)	157.5			
Reference Internal Resistance (mΩ)	0.33 ±15% (fully charged @ 25°C, Testing device: HIOKIBT3562)			
Self-Discharge (25°C)	≤2.0% per months			
Charge Voltage (V/cell, 25°C)	Cycle use		Float use	
	2.35 (-3.5mV/°C/cell), max charge current: 375A		2.25 (-3.5mV/°C/cell)	
Short Circuit Current (A)	16600 (for reference only)			

Discharge Data

Constant Current Discharge Data (25°C, A)													
End Voltage (V/cell)	min			h									
	30	40	50	1	2	3	4	5	6	7	8	9	10
1.60	2293	1922	1664	1450	903	666	531	446	388	343	308	280	258
1.65	2163	1830	1596	1425	888	656	524	441	384	340	305	277	255
1.70	2039	1740	1529	1383	871	647	517	436	380	338	303	274	253
1.75	1970	1693	1494	1375	856	637	511	430	376	334	300	272	252
1.80	1897	1637	1448	1310	836	625	503	425	371	330	296	269	250

Constant Power Discharge Data (25°C, W/cell)													
End Voltage (V/cell)	min			h									
	30	40	50	1	2	3	4	5	6	7	8	9	10
1.60	3862	3238	2864	2550	1640	1218	972	825	725	654	593	542	495
1.65	3588	3049	2723	2463	1584	1185	950	810	710	645	586	534	487
1.70	3348	2892	2576	2392	1541	1161	933	799	701	637	579	528	482
1.75	3139	2717	2460	2279	1502	1137	916	785	693	630	571	520	476
1.80	2943	2567	2371	2177	1461	1113	899	771	681	619	564	513	471

Performance Curve



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