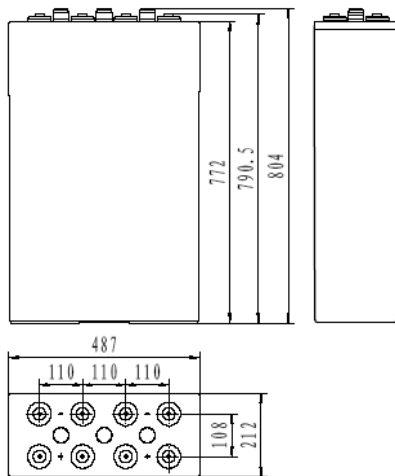


**Product Features**

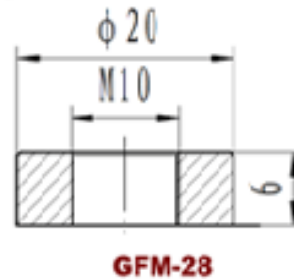
- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO<sub>2</sub> as main electrolyte, which is in dilute sol state when injecting and filled in the whole plate space so that the plate can fully react. The GEL state electrolyte prevents leakage and layering;
- Low resistance PVC-SiO<sub>2</sub> micro-porous separator ensure low internal resistance;
- ABS containers and covers (FV0 optional)


**Application**

- Renewable Energy;
- Energy utility: production, Transport, distribution, switchgear
- Telecom
- General electronic
- Mobility & leisure
- EPS/UPS

**Compliant Standards**

- IEC 60896-21/22 : 2004
- IEC 61427-2005
- DIN43539-T5 1984
- DIN40742:1999
- GB/T 22473-2008
- GB/T 22473-2008
- Passed ISO9001, ISO14001, OHSAS18001 certificate
- Eurobat guide;

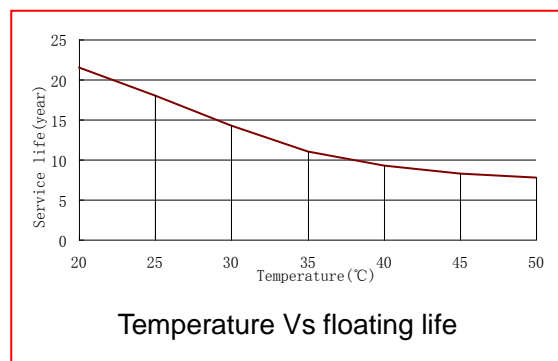
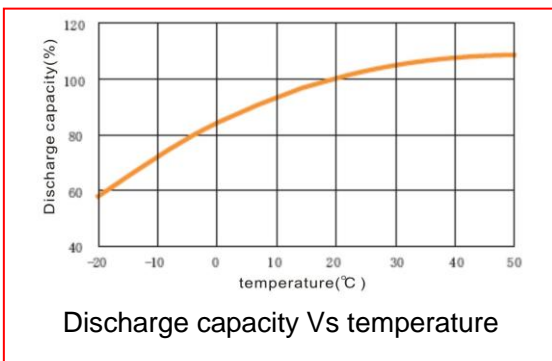
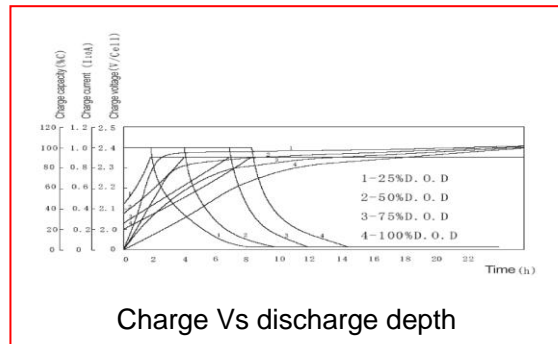
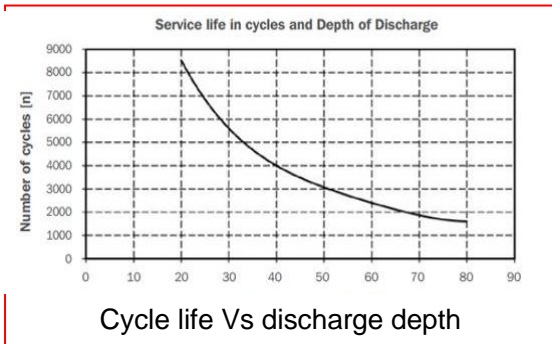


Battery Model	GFMJ-2500H			
Designed Life	18 Years			
Capacity(25°C)	10HR(250A,1.80V)	5HR(425A,1.80V)	3HR(625A,1.80V)	1HR(1250A,1.80V)
	2500AH	2125AH	1875AH	1250AH
Dimensions	Length	Width	Height	Total Height
	487mm	212mm	772mm	804mm
Approx. Weight	187kg			
Internal Resistance	0.17mΩ			
Max Discharge Current	9320A(3 Sec.)			
Self Discharge	≤3% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	2.33V(-3.5mV/°C), max charge current:500A		2.23V(-3.5mV/°C)	

**Discharge parameter:**

Constant current discharge data (25°C , A)																		
End voltage (V/cell)	5min	10min	15min	20min	30min	1h	2h	3h	5h	6h	8h	10h	20h	24h	48h	100h	120h	240h
1.65	3205	2860	2508	2179	1849	1438	946	736	506	425	331	291	151	127	65	32	27	14.0
1.70	3006	2689	2326	2019	1796	1375	888	699	479	404	319	275	151	127	65	32	27	14.0
1.75	2869	2571	2274	1955	1700	1313	840	661	454	386	306	263	143	121	65	32	27	14.0
1.80	2709	2444	2156	1806	1636	1250	796	625	425	364	294	250	135	114	65	32	27	14.0
1.85	2550	2306	2040	1700	1541	1188	753	591	409	343	279	236	128	109	65	32	27	14.0

Constant power discharge data (25°C , W/cell)																		
End voltage (V/cell)	5min	10min	15min	20min	30min	1h	2h	3h	5h	6h	8h	10h	20h	24h	48h	100h	120h	240h
1.65	6415	5734	5571	4838	4106	2938	2106	1475	953	913	753	565	281	250	168	86	76	40.0
1.70	5780	5199	5001	4339	3859	2850	2063	1425	940	884	725	546	281	250	168	86	76	40.0
1.75	5201	4801	4718	4056	3526	2775	2006	1379	928	856	703	525	281	250	168	86	76	40.0
1.80	4531	4219	4139	3465	3139	2600	1963	1325	900	825	675	513	275	250	168	86	76	40.0
1.85	3904	3666	3604	3004	2723	2538	1863	1259	861	786	646	484	260	235	168	86	76	40.0

**Performance Curve:**


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