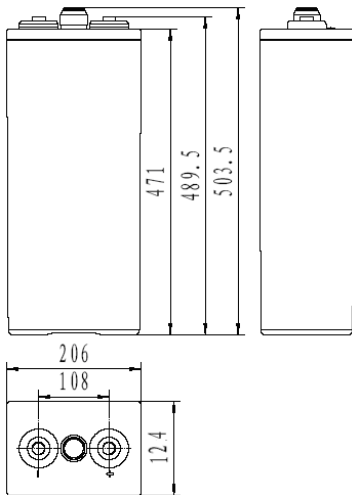


## Product Features

- 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)

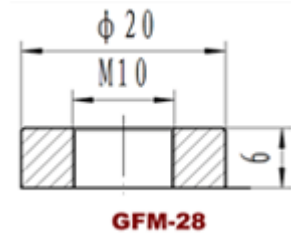


## Application

- 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;

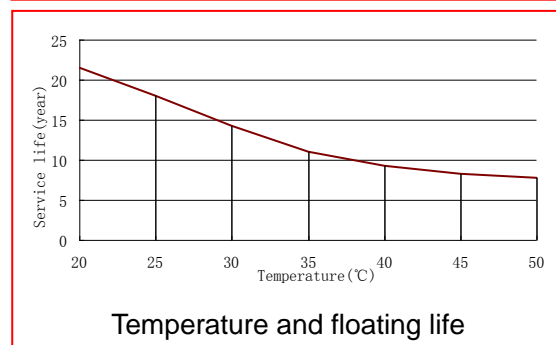
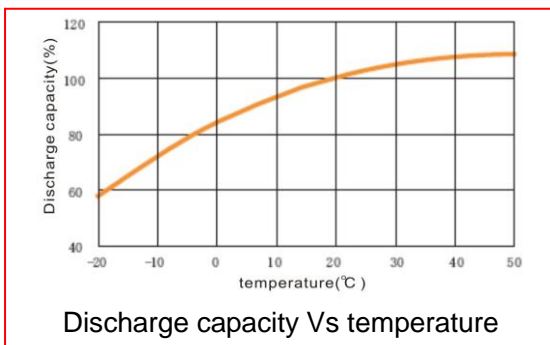
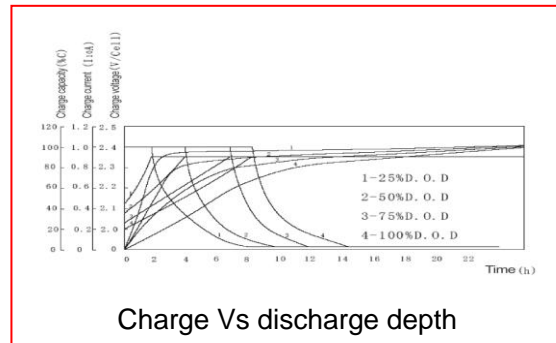
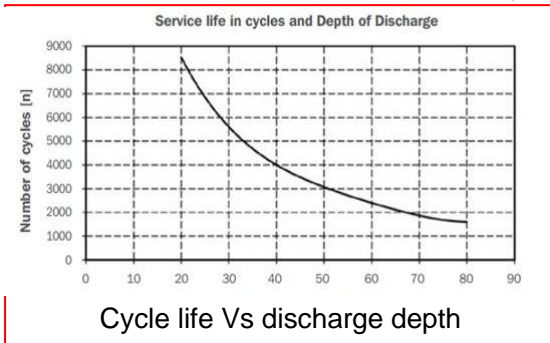


Battery Model	GFMJ-350H			
Designed Life	18 Years			
Capacity(25°C)	10HR(35A,1.80V)	5HR(59.5A,1.80V)	3HR(87.5A,1.80V)	1HR(175A,1.80V)
	350AH	297.5AH	262.5AH	175AH
Dimensions	Length	Width	Height	Total Height
	124mm	206mm	471mm	503.5mm
Approx. Weight	28kg			
Internal Resistance	0.58mΩ			
Max Discharge Current	2116A(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:70A			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	529	473	413	359	305	201	132	103	70.9	59.9	46.4	40.8	21.1	17.9	9.10	4.52	3.82	1.96
1.70	495	443	383	333	296	193	124	97.6	67.1	57.1	44.6	38.6	21.1	17.9	9.10	4.52	3.82	1.96
1.75	473	424	375	322	280	184	118	92.4	63.6	53.8	42.8	36.8	20.0	17.3	9.10	4.52	3.82	1.96
1.80	446	403	355	298	270	175	111	87.5	59.5	51.2	41.1	35.0	18.9	17.3	9.10	4.52	3.82	1.96
1.85	420	380	336	280	254	166	105	82.8	57.1	49.2	38.9	33.1	17.9	16.5	9.10	4.52	3.82	1.96

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	998	892	866	753	639	411	295	207	133	128	105	78.9	39.4	35.0	23.5	12.1	10.6	5.64
1.70	905	809	778	675	600	399	289	200	131	124	102	76.3	39.4	35.0	23.5	12.1	10.6	5.64
1.75	833	747	734	631	549	389	281	193	130	120	98.2	73.5	39.4	35.0	23.5	12.1	10.6	5.64
1.80	728	656	644	539	488	364	275	186	126	116	94.5	71.8	38.5	35.0	23.5	12.1	10.6	5.64
1.85	631	570	561	467	424	355	261	176	120	110	90.5	67.7	36.4	33.1	23.5	12.1	10.6	5.64

**Performance Curve:**


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