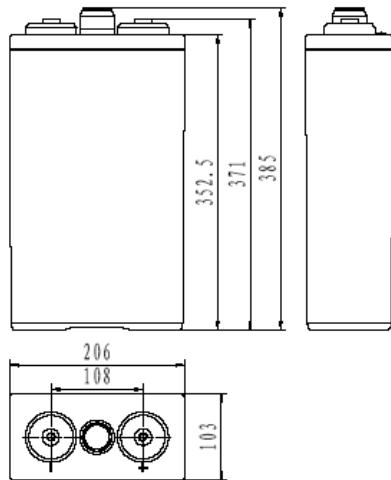


Product Features

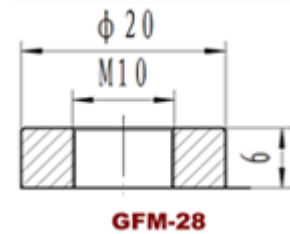
- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO₂ as main electrolyte, which 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-SiO₂ 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-150H			
Designed Life	18 Years			
Capacity(25°C)	10HR(15A, 1.80V)	5HR(25.5A, 1.80V)	3HR(37.5A, 1.80V)	1HR(75A, 1.80V)
	150AH	127.5AH	112.5AH	75AH
Dimensions	Length	Width	Height	Total Height
	103mm	206mm	352.5mm	385mm
Approx. Weight	15kg			
Internal Resistance	0.8mΩ			
Max Discharge Current	874A(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:30A		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	227	203	177	154	131	86	56.7	44.2	28.9	25.2	19.9	17.5	9	7.7	3.9	1.94	1.64	0.84
1.70	212	190	164	143	127	83	53.3	41.9	28	24.5	19.1	16.6	9	7.7	3.9	1.94	1.64	0.84
1.75	203	182	161	138	120	79	50.4	39.6	26.8	23.3	18.4	15.8	8.55	7.5	3.9	1.94	1.64	0.84
1.80	191	173	152	128	116	75	47.7	37.5	25.5	22.3	17.6	15	8.1	7.4	3.9	1.94	1.64	0.84
1.85	180	163	144	120	109	71	45.2	35.5	24.5	21.6	16.7	14.2	7.65	7.05	3.9	1.94	1.64	0.84

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	428	383	371	323	274	176	127	89	57.2	54.8	45.2	33.8	16.9	15	10.1	5.2	4.54	2.42
1.70	388	347	334	290	257	171	124	86	56.3	53.0	43.5	32.7	16.9	15	10.1	5.2	4.54	2.42
1.75	357	320	314	271	236	167	121	83	55.6	51.4	42.1	31.5	16.9	15	10.1	5.2	4.54	2.42
1.80	312	281	276	231	209	156	118	80	54	49.5	40.5	30.8	16.5	15	10.1	5.2	4.54	2.42
1.85	271	245	240	200	182	152	112	76	51.6	47.1	38.8	29.0	15.6	14.2	10.1	5.2	4.54	2.42

Performance Curve:
