

Product Features

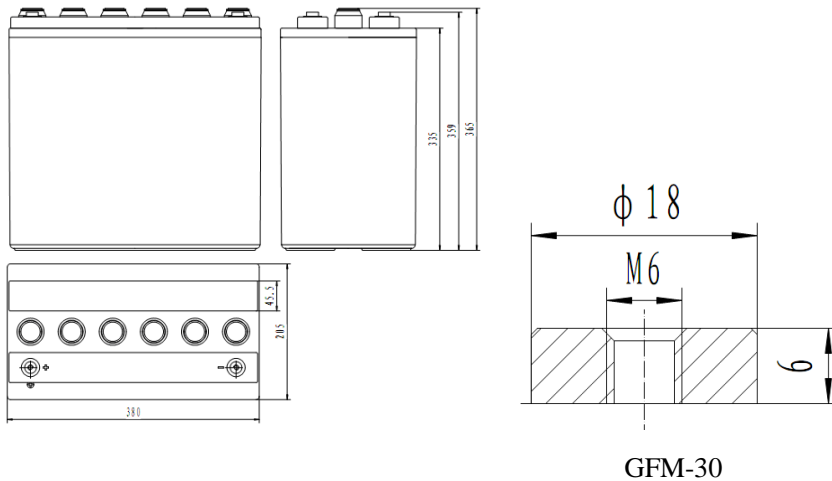
- Tubular positive plate avoids active material from shedding effectively and the positive frame is cast by multi-alloy(Pb-Ca-Sn-Al) with fine and compact crystal structure, resulting in good corrosion resistance;
- Sulfuric acid immobilized as a gel using the gaseous SiO₂ as main electrolyte, which 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
- DIN40744:1999
- GB/T 22473-2008
- Passed ISO9001, ISO14001, OHSAS18001



Battery Model	6GFMJ-150H			
Designed Life	15 Years(25°C)			
Capacity(25°C)	10HR(15.0A,1.80	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
	380mm	205mm	335mm	365mm
Approx. Weight	73.5kg			
Internal Resistance	6.2mΩ			
Maximum Discharge Current	1025A(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:10A			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	9.0	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	9.0	7.7	3.88	1.92	1.62	0.83
1.75	203	182	161	138	120	79	50.4	39.6	26.8	23.3	18.4	15.8	8.55	7.5	3.86	1.91	1.60	0.82
1.80	191	173	152	128	116	75	47.7	37.5	25.5	22.3	17.6	15.0	8.1	7.4	3.84	1.89	1.60	0.81
1.85	180	163	144	120	109	71	45.2	35.5	24.5	21.6	16.7	14.2	7.65	7.05	3.83	1.89	1.58	0.81

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	389	372	354	318	278	197	130	86	64	49.5	41.5	30	20.8	12	6.9	4.4	3.33	2.6
1.7	349	342	324	290	251	183	123	84	62	48.5	41	29.5	19.4	11.5	6.7	4.3	3.32	2.58
1.75	319	312	294	263	223	169	116	82	60	47	39	28.5	18	11	6.5	4.2	3.3	2.55
1.8	289	283	260	234	195	155	109	80	58	45.5	37	26.8	16.6	10.5	6.3	4.1	3.29	2.52
1.85	279	236	210	191	174	139	96	68	51	39.5	32	24.2	16.4	10	6.2	4.15	3.28	2.5

Performance Curve:
