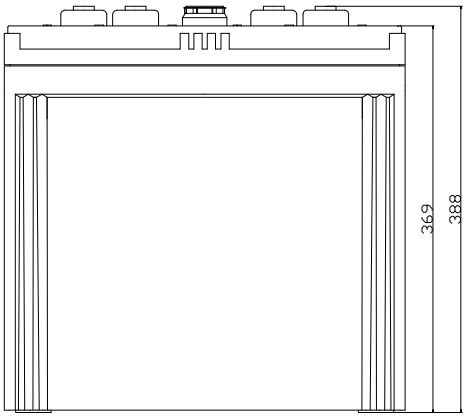
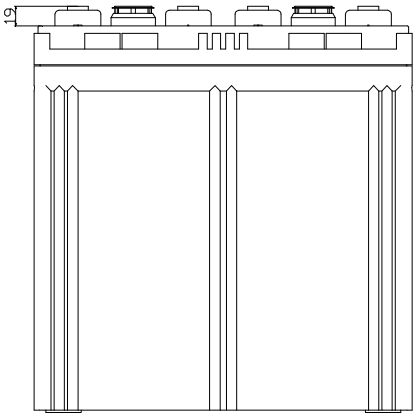
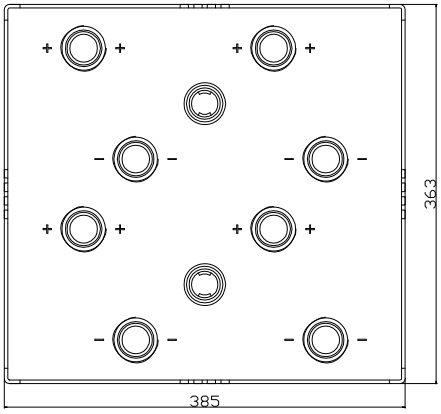
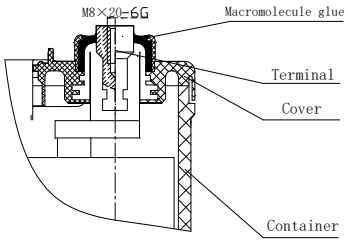
Valve-regulated Lead Acid Batteries GFM series are widely utilized as standby power supply for communication and signal syatem such as telecommunication, mobile station, and railway etc., backup power supply for UPS and emergency illumination.
The design life of the GFM-2000 is 15 years.

GFM-2000









Normal Voltage	2V
Capacity	2000 Ah @ 10hr to 1.80V per cell @ 25℃
Weight	Approx.125 kg (275 lbs)
Internal Resistance (full charged)	Approx. 0.18mΩ@ 25℃
Maximum Discharge Current	12400A (5sec)
Self Discharge @ 25℃	No more than 3 % after 30 days storage
Operating Temperature Range	Discharge: -40℃～50℃ Charge: -20℃～45℃ Storage: -20℃～40℃
Recommended Operating Temperature	15℃～25℃
Maximum Charging Current Limited	400A
Charging Voltage @ 25℃	Float: 2.23 V, Temps coefficient -3 mV/℃ Cycle: 2.35 V
Contain Materials	ABS
Terminal	M8 and HPb59-1

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GFM-2000

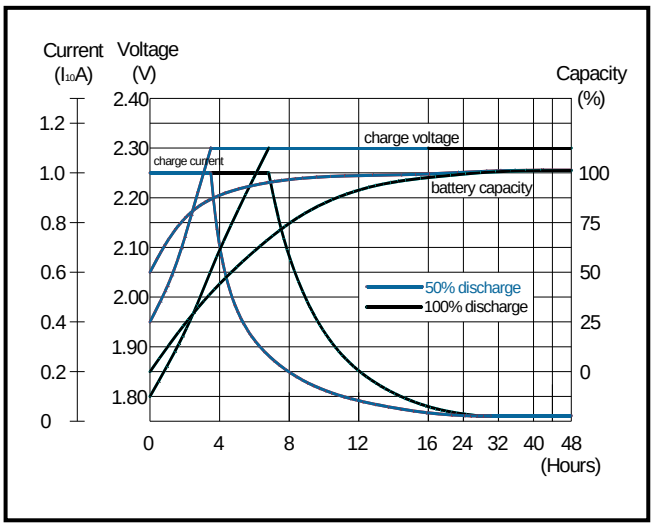
Constant Current Discharge Characteristics Unit: A (25℃)

F.V/Time	1h	1.5h	2h	3h	4h	5h	6h	8h	10h
1.90V	863	717	576	430.2	362.5	297.1	255.9	218.8	178.6
1.85V	1031	813	617	474.5	387.5	323.1	275.5	232.7	193.2
1.80V	1098	838	654	503.8	402.9	341.3	301.0	239.6	201.0
1.75V	1167	878	684	517.0	411.5	348.1	306.9	244.6	203.9
1.70V	1217	917	707	527.4	417.3	352.9	310.8	245.5	205.8
1.65V	1248	934	721	531.1	421.2	354.8	312.7	246.5	206.8

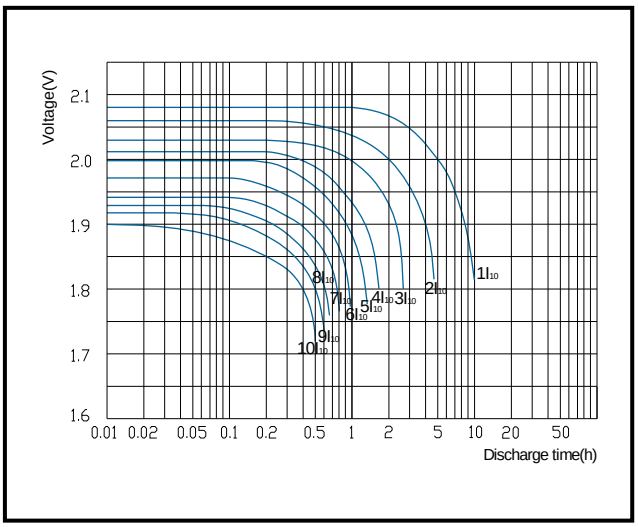
Constant Power Discharge Characteristics Unit: W/cell (25℃)

F.V/Time	1h	1.5h	2h	3h	4h	5h	6h	8h	10h
1.90V	1695	1413	1141	864.2	731.7	601.0	517.6	443.6	363.1
1.85V	1992	1584	1208	941.5	776.0	648.1	553.9	468.3	390.3
1.80V	2092	1619	1270	989.6	801.0	682.7	602.9	479.2	402.9
1.75V	2198	1682	1320	1011.3	814.4	693.3	612.7	488.1	407.8
1.70V	2258	1742	1354	1027.4	826.0	701.0	618.6	491.1	411.7
1.65V	2291	1759	1375	1033.0	830.8	703.8	622.5	492.1	412.6

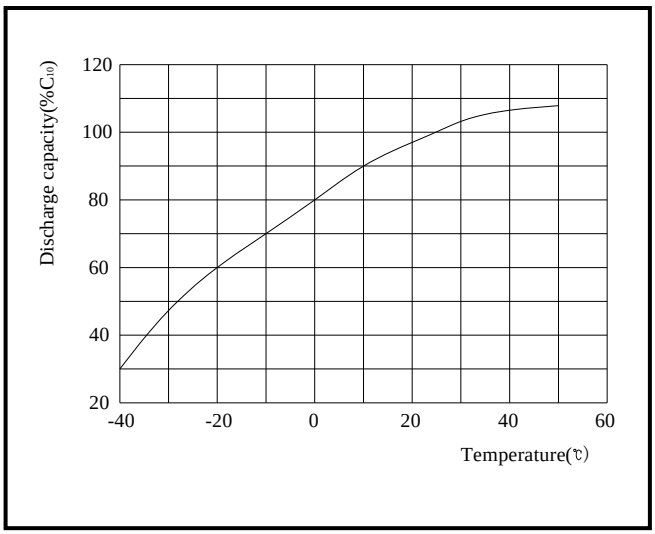
Constant Voltage Charge Characteristics



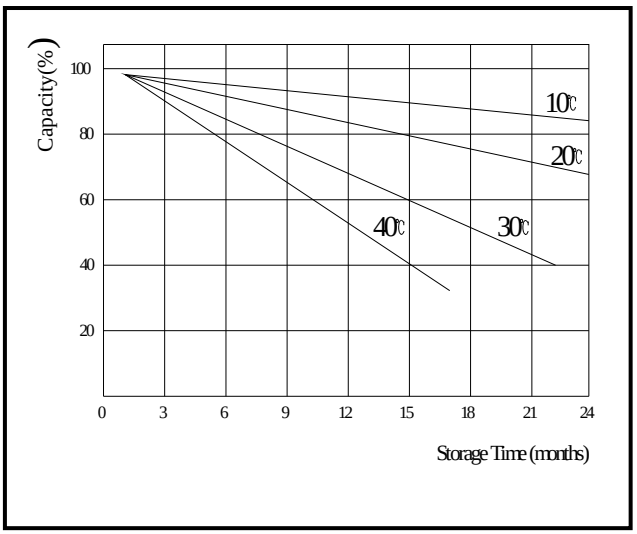
Discharge Performance at Different Discharge Rate



Capacity at Different Temperature



Curve of Storage Time and Self-discharge at Different Temperature



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