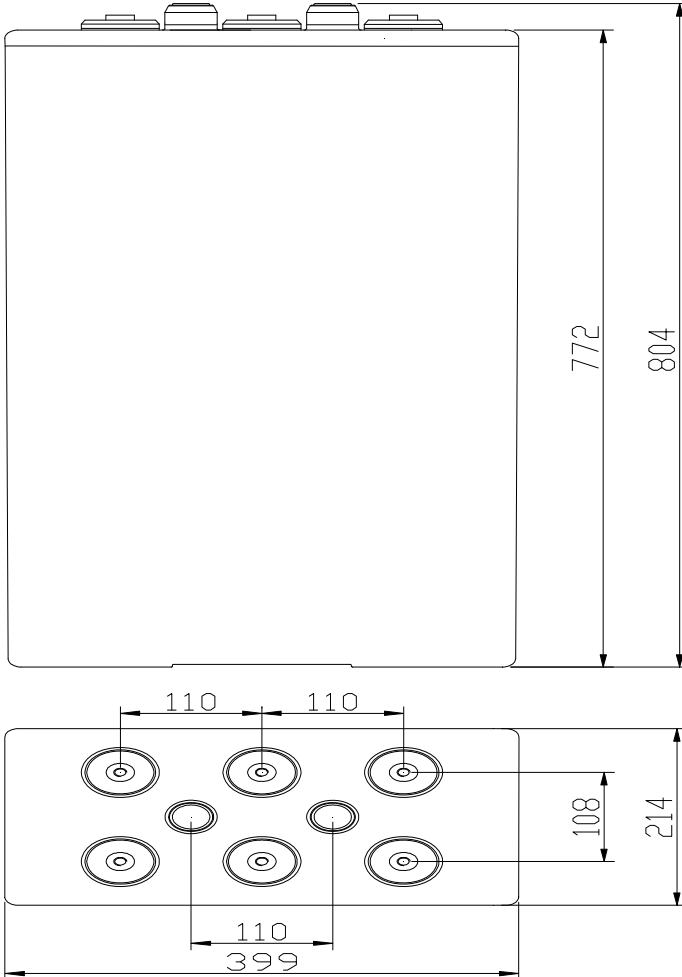


GFMJ-2000

(16 OPzV 2000)



Features

- VRLA gel battery with ABS case
- Design life 20 years
- Cyclic and standby duty
- High cycle service life
- Good temperature resistance performance
- Excellent deep cycle performance
- Superior low current discharge performance
- Tubular type positive plate
- PVC- SiO₂ separator
- Double sealed copper core lead terminals
- Reliable opening and closing safety valve

Dimensions

- 399 x 214 x 804mm H

Rated voltage	2 V
Capacity@ 25°C	2000Ah @ 10hr to 1.80V per cell
Weight	about 154.5kg (339.9 lb)
Reference internal resistance (charged)	About 0.22mΩ @ 25°C
Short-circuit current	About 8903A (0.1S reference value)
Max discharge current	6000A (5sec)
Self-discharge	< 20%/180 days @ 25°C
Temperature range	Application: -20°C ~ 50°C Storage: -20°C ~ 50°C Recommendation: 20°C ~ 30°C
Max charge current	400A
Charge voltage @ 25°C	Float charge: 2.23V, average charge: 2.35V Temperature compensation factor: -3 mV/°C
Terminal output	M10 copper terminal (HPb59-1)

Discharge current at different final voltages and different discharge rates unit: A (25°C)

	5min	10min	15min	30min	45min	1hr	1.5hr	2hr	3hr	4hr	5hr	8 hr	10 hr	20hr	100 hr	120hr
1.90	1387	1229	873	800	780	696	620	520	410	331	282	205	170	91.0	23.6	20.1
1.85	1509	1284	1000	960	827	792	680	576	453	365	311	218	181	100.	24.9	21.2
1.80	1681	1614	1331	1232	1017	984	860	676	520	418	351	240	210	104.	25.7	21.9
1.75	1748	1729	1584	1408	1200	1100	946	720	544	435	363	246	214	108.	26.4	22.5

Discharge power at different final voltages and different discharge rates unit: W (25°C)

	5min	10min	15min	30min	45min	1hr	1.5hr	2hr	3hr	4hr	5hr	8 hr	10 hr	20hr	100 hr	120hr
1.90	2808	2376	1132	1069	1040	1010	942	873	725	621	540	392	338	182.	47.3	40.2
1.85	2985	2474	1556	1360	1274	1188	1090	992	816	688	595	426	367	198.	49.3	42.0
1.80	3090	2966	2096	1935	1789	1643	1437	1231	990	815	691	488	409	204.	50.5	43.0
1.75	3196	3160	2453	2205	2020	1835	1601	1367	1071	861	716	488	409	209.	50.9	43.4

