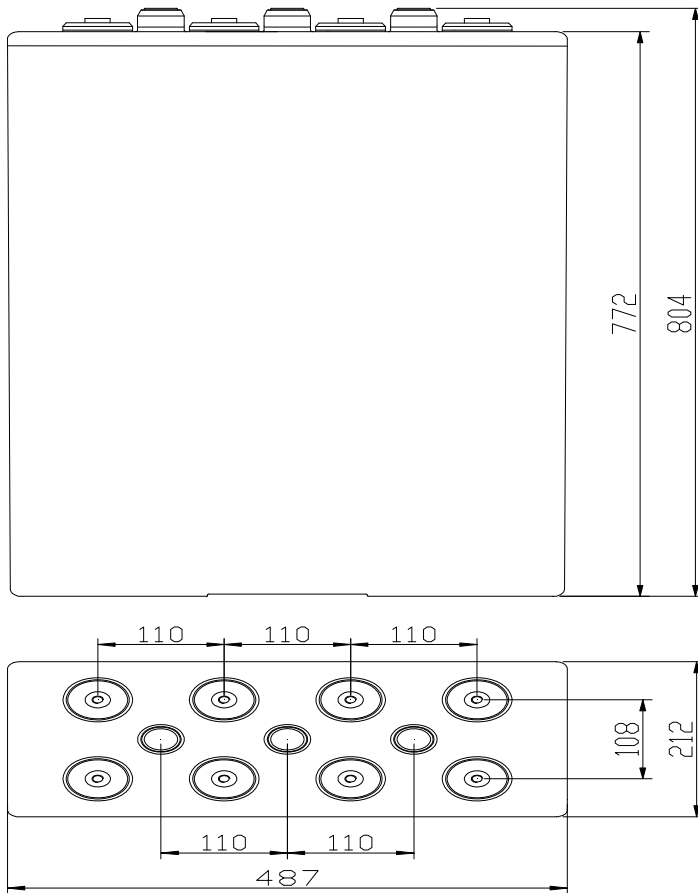


GFMJ-2500

(20 OPzV 2500)



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

- 487 x 212 x 804mm H

Rated voltage	2 V
Capacity@ 25°C	2500Ah @ 10hr to 1.80V per cell
Weight	about 186.5kg (411.3 lb)
Reference internal resistance (charged)	About 0.22mΩ @ 25°C
Short-circuit current	About 9132A (0.1S reference value)
Max discharge current	7500A (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	500A
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	1758	1584	1048	1000	975	870	775	650	512	414	352	257	212	113.	29.7	25.1
1.85	1911	1666	1254	1200	1034	990	850	720	566	457	388	272	226	125.	31.3	26.5
1.80	2101	2017	1663	1540	1271	1230	1075	844	625	523	438	300	260	131.	32.3	27.4
1.75	2185	2160	1980	1760	1500	1375	1183	900	630	544	454	309	264	136.	33.2	28.1

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	3510	2970	1415	1336	1299	1262	1177	1091	907	775	675	490	423	227.	59.4	50.3
1.85	3731	3093	1944	1700	1593	1485	1363	1240	1020	861	744	533	459	247.	61.9	52.4
1.80	3863	3708	2620	2419	2237	2054	1797	1539	1237	1019	865	610	512	257.	63.4	53.7
1.75	3995	3949	3066	2755	2525	2294	2002	1709	1338	1076	894	610	512	263.	64.0	54.2

