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## AOKLY SERIES STORAGE BATTERY

Aokly power driving the bright future.



## GFM 2V Series

### Summary

GFM 2V series is the general purpose battery with 18 years design life in float service. With heavy duty grids, thicker plates, special additives and updated AGM valve regulated technology, the GFM 2V series battery provides consistent performance and long service life. The new grid design effectively reduces the internal resistance, which provides higher specific energy density and excellent high rate discharge characteristics.

It is suitable for communication back-up power and EPS/UPS applications.

### Product Features

- ❖ Capacity range: 200Ah-3000Ah
- ❖ Voltage class: 2V
- ❖ Long design life: more than 18 years
- ❖ Polarity sign: symmetrical and more clear
- ❖ Low self-discharge rate:  $\leq 3\%$  per month
- ❖ High recombination efficiency:  $\geq 99\%$
- ❖ Compact structure and high specific energy
- ❖ Wide operation temperature: -20-60°C
- ❖ Grid: thicker grid and radiative grid structure:
- ❖ Positive plate: Pasted flat type, latest grid alloy
- ❖ Separator: AGM separator with high adsorptive and low resistance;

- ❖ Battery container: High strength ABS (UL 94-HB) and UL 94-V0 is optional;
- ❖ Post sealing: patent multi-layer post sealing with M8 copper insert terminal;
- ❖ Safety Valve: sensitive operate pressure and reliable equipped with explosion-proof arrester and acid filter.



### Application

- ❖ Telecommunication
- ❖ UPS/EPS
- ❖ Power storage plant
- ❖ Utility

### Compliant Standards

- ❖ GB/T 19638-2005
- ❖ IEC 60095
- ❖ Passed ISO 9001, ISO 14001, OHSAS 18001, CE certificate

### Main Parameters

NO.	ITEMS	VOLTAGE	CAPACITY C <sub>10</sub>	DIMENSION(mm)			GROSS WEIGHT (kg)	TERMINAL TYPE
	NO	VOLTI		Length	Width	Height		
1	GFM-200	2	200	172	111	329	365	F7
2	GFM-300	2	300	171	151	330	365	F7
3	GFM-400	2	400	211	176	329	366	F7
4	GFM-500	2	500	242	172	330	365	F7
5	GFM-600	2	600	302	175	328	366	F7
6	GFM-800	2	800	411	175	327	368	F7
7	GFM-1000	2	1000	475	175	329	365	F7
8	GFM-1200	2	1200	475	175	327	368	F7
9	GFM-1500	2	1500	400	350	343	378	F7
10	GFM-2000	2	2000	490	349	338	383	F7
11	GFM-3000	2	3000	712	353	340	383	F7