

# GFM300 (2V300Ah)



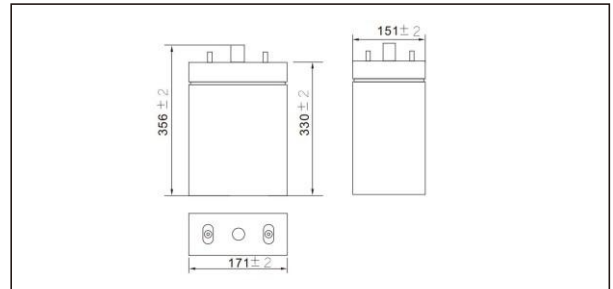
## Specifications

Nominal Voltage		2V
Rated capacity (10 hour rate)		300Ah
Dimensions	Total Height	366 ± 3 mm
	Height	330 ± 3 mm
	Length	171 ± 2 mm
	Width	151 ± 2 mm
Weight Approx		19.6 ± 0.55 Kg

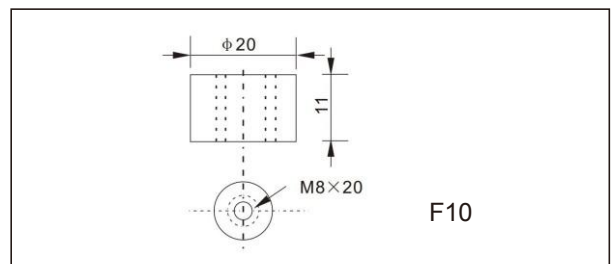
## Characteristics

Capacity 25°C (77°F)	20 hour rate(16.4 A)	328.0Ah
	10 hour rate(30.0A)	300.0Ah
	5 hour rate(48.0A)	240.0Ah
	1 hour rate(171.0A)	171.0Ah
Capacity affected by Temperature (10 hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Charge (constant Voltage)	Cycle	Initial Charging Current less than 75.0A
	Float	2.25V-2.30V

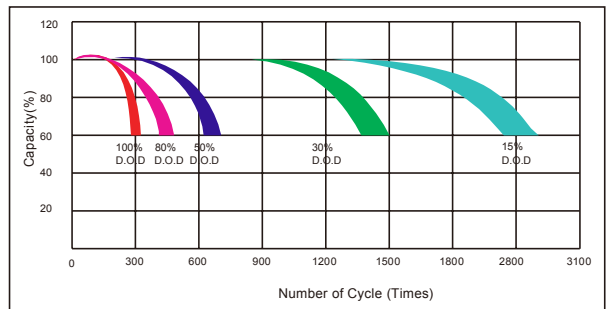
## Outer dimensions (mm)



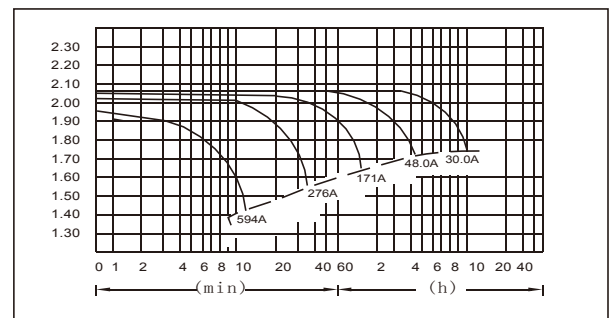
## Terminal Type



## Cycle Life 25°C(77°F)



## Discharge Curves 25°C(77°F)



Constant Current(Amp) and Constant Power(W att) Discharge T able at 25°C(77°F)

T ime		10min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	A	594	276	180	105.0	75.0	60.0	50.4	34.9	33.0	17.1
	W	1045	494	331	194	140	112	94.8	65.9	62.4	32.3
1.70V	A	576	258	171	100.5	73.0	57.8	49.2	34.1	31.2	16.8
	W	1025	467	316	187	137	109	92.5	64.5	59.0	31.8
1.75V	A	540	246	165	97.5	71.0	56.3	48.0	33.8	30.6	16.7
	W	972	450	307	182	133	106	90.7	64.1	58.1	31.6
1.80V	A	504	234	159	96.0	70.0	55.5	46.2	33.0	30.0	16.4
	W	912	431	297	180	132	105	87.8	63.0	57.3	31.2
1.85V	A	486	222	150	93.0	69.0	54.8	45.6	31.9	29.4	16.2
	W	885	411	282	176	131	105	87.1	61.2	56.4	31.1

