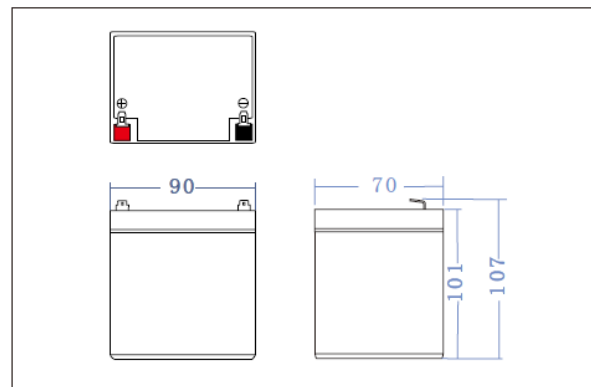


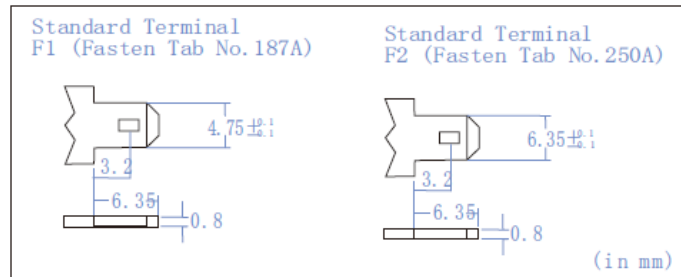
## AGM27 12V 5.0Ah



### Dimensions (mm)



### Terminal Type



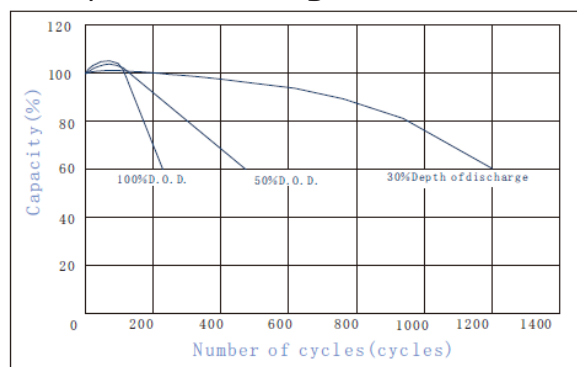
### Electrical Specification

Capacity 25°C (77° F)	20hour rate (0.25A)	5.0Ah
	27min rate (5.0A)	2.25Ah
	7min rate (15.0A)	1.75Ah
Capacity Affected by Temperature (20hour rate)	40°C (104° F)	102%
	25°C (77° F)	100%
	0°C (32° F)	85%
Internal Resistance	full charged battery 77° F (25°C)	40mΩ
	Capacity after 3month storage	91%
Self-Discharge at 25°C (77° F)	Capacity after 6month storage	82%
	Capacity after 12 month storage	64%
	Charge (constant Voltage)	Cycle Initial Charging Current less than 1.5A Voltage 14.40-14.90V
	Float Voltage 13.50-13.80V	

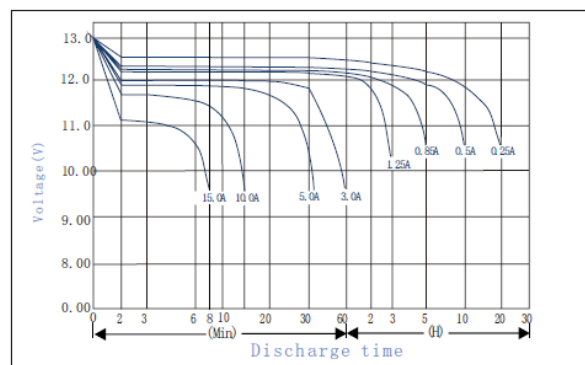
### Physical specification

Nominal Voltage	12V	
Nominal Capacity (20HR)	5.0AH	
Dimensions	Length	90 ± 1mm (3.54 inches)
	Width	70 ± 1mm (2.76 inches)
	Container Height	101 ± 2mm (3.98 inches)
	Total height	107 ± 2mm (4.21 inches)
Weight		Approx 1.5kg (3.3 lbs)
Standard Terminal		F1/F2

### Cycle service life in relation to depth of discharge



### Discharge Characteristics after fully charged (25°C, 77°F)



### Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C, (77°F)

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	19.30	12.21	9.67	5.36	3.30	1.81	1.31	1.05	0.89	0.48	0.26
	W	215.47	137.53	109.83	61.39	38.16	21.02	15.30	12.34	10.52	5.67	3.08
9.90V	A	18.70	11.84	9.42	5.22	3.23	1.79	1.29	1.03	0.88	0.47	0.26
	W	208.84	133.36	107.03	59.86	37.31	20.79	15.07	12.16	10.40	5.65	3.07
10.20V	A	17.85	11.31	9.07	5.09	3.15	1.77	1.27	1.02	0.87	0.47	0.26
	W	199.42	127.49	103.09	58.34	36.45	20.57	14.84	11.99	10.29	5.64	3.06
10.50V	A	17.00	10.79	8.72	4.95	3.08	1.74	1.26	1.01	0.86	0.47	0.25
	W	189.99	121.61	99.14	56.81	35.60	20.22	14.73	11.88	10.17	5.62	2.99
10.80V	A	16.07	10.15	8.22	4.77	2.99	1.70	1.22	0.98	0.83	0.46	0.25
	W	179.66	114.49	93.49	54.70	34.57	19.76	14.32	11.58	9.82	5.46	2.93