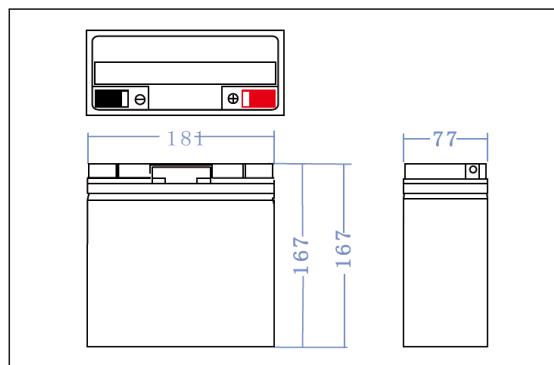


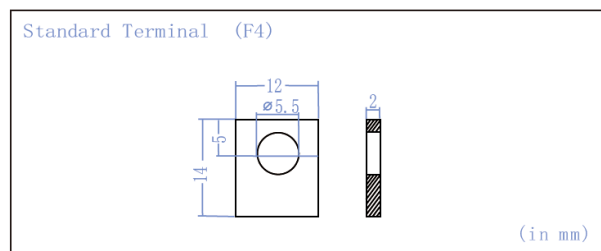
## AGM09 12V/18Ah



### Dimensions (mm)



### Terminal Type



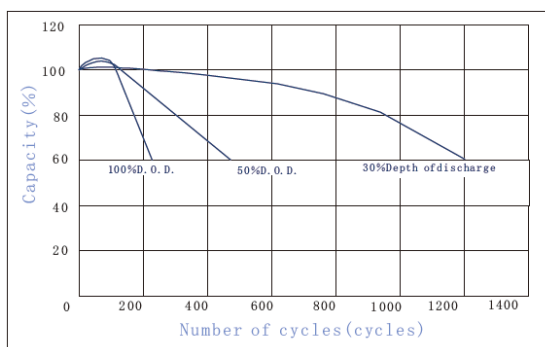
### Electrical Specification

Capacity 25°C (77° F)	20hour rate (0.85A)	17.0Ah
	27min rate (17A)	7.65Ah
	7min rate (51A)	5.95Ah
Capacity Affected by Temperature (20hour rate)	40°C (104° F)	102%
	25°C (77° F)	100%
	0°C (32° F)	85%
	-15°C ( 5° F)	65%
Internal Resistance	full charged battery 77° F (25°C)	20mΩ
Self-Discharge at 25°C (77° F)	Capacity after 3month storage	91%
	Capacity after 6month storage	82%
	Capacity after 12 month storage	64%
Charge (constant Voltage)	Cycle	Initial Charging Current less than 5.1A Voltage 14.40-14.90V
	Float	Voltage 13.50-13.80V

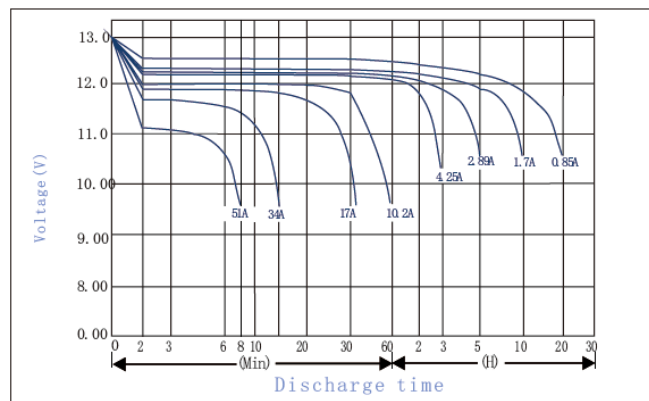
### Physical specification

Nominal Voltage	12V	
Nominal Capacity (20HR)	17AH	
Dimensions	Length	181±1mm (7.12 inches)
	Width	77±1mm (3.03 inches)
	Container Height	167±2mm (6.57 inches)
	Total height	167±2mm (6.57 inches)
Weight	Approx 4.80kg (10.56 lbs)	
Standard Terminal	F3	

### 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	65.62	41.51	32.86	18.21	11.22	6.14	4.44	3.55	3.01	1.62	0.88
	W	732.58	467.61	373.43	208.73	129.75	71.46	52.02	41.94	35.76	19.29	10.48
9.90V	A	63.58	40.24	32.01	17.75	10.97	6.07	4.37	3.50	2.98	1.61	0.87
	W	710.06	453.41	363.90	203.53	126.84	70.69	51.24	41.35	35.37	19.22	10.44
10.20V	A	60.69	38.45	30.82	17.29	10.71	6.00	4.30	3.45	2.94	1.61	0.87
	W	678.03	433.45	350.50	198.34	123.94	69.92	50.46	40.76	34.97	19.17	10.40
10.50V	A	57.80	36.67	29.63	16.83	10.46	5.90	4.27	3.42	2.91	1.60	0.85
	W	645.97	413.48	337.08	193.14	121.03	68.76	50.08	40.38	34.58	19.11	10.16
10.80V	A	54.64	34.51	27.93	16.20	10.15	5.76	4.15	3.33	2.81	1.55	0.83
	W	610.85	389.27	317.85	185.99	117.53	67.20	48.70	39.38	33.38	18.55	9.96