

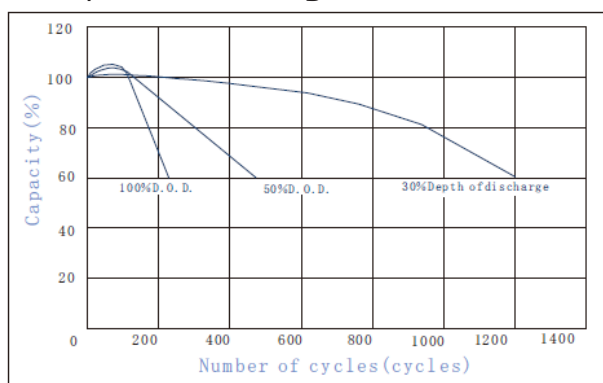
AGM08 12V/14Ah



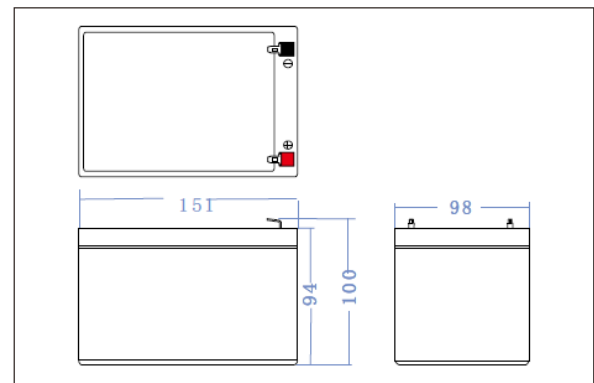
Electrical Specification

Capacity 25°C (77° F)	20hour rate(0.7A)	14.0Ah
	27min rate(14A)	6.3Ah
	7min rate(42A)	4.9Ah
Capacity Affected by Temperature (20hour rate)	40°C (104° F)	102%
	25°C (77° F)	100%
	0°C (32° F)	85%
Internal Resistance	-15°C (5° F)	65%
	full charged battery 77° F (25°C)	15mΩ
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 4.2A Voltage 14.40-14.90V	
	Float Voltage 13.50-13.80V	

Cycle service life in relation to depth of discharge

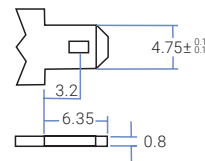


Dimensions (mm)

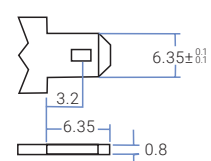


Terminal Type

Standard Terminal
F1 (Fasten Tab No. 187A)



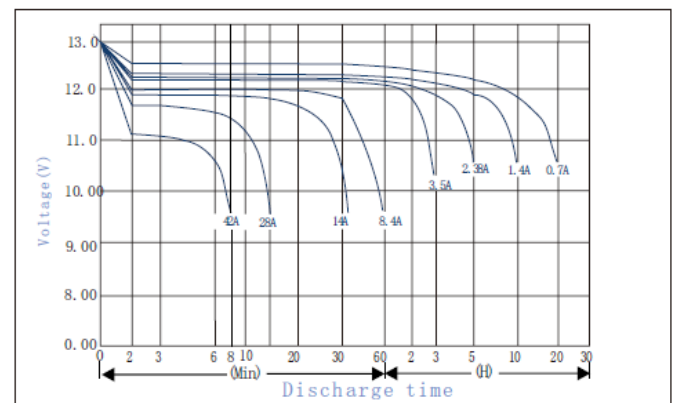
Standard Terminal
F2 (Fasten Tab No. 250A)



Physical specification

Nominal Voltage		12V
Nominal Capacity (20HR)		12AH
Dimensions	Length	151±1mm (5.94 inches)
	Width	98±1mm (3.86 inches)
	Container Height	95±2mm (3.74 inches)
	Total height	101±2mm (3.98 inches)
Weight		Approx 3.3kg±4% (7.26 lbs±4%)
Standard Terminal		F1/F2

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	54.04	34.19	27.06	14.99	9.24	5.05	3.65	2.93	2.48	1.33	0.72
	W	603.30	385.09	307.53	171.89	106.85	58.85	42.84	34.54	29.45	15.89	8.63
9.90V	A	52.36	33.14	26.36	14.62	9.03	5.00	3.60	2.88	2.45	1.33	0.72
	W	584.76	373.40	299.68	167.62	104.46	58.22	42.20	34.05	29.13	15.83	8.60
10.20V	A	49.98	31.67	25.38	14.24	8.82	4.94	3.54	2.84	2.42	1.32	0.72
	W	558.38	356.96	288.64	163.34	102.07	57.58	41.55	33.57	28.80	15.79	8.57
10.50V	A	47.60	30.20	24.40	13.86	8.61	4.86	3.51	2.81	2.39	1.32	0.70
	W	531.98	340.51	277.60	159.06	99.67	56.62	41.24	33.25	28.48	15.74	8.37
10.80V	A	45.00	28.42	23.00	13.34	8.36	4.75	3.42	2.74	2.31	1.28	0.69
	W	503.06	320.58	261.76	153.17	96.79	55.34	40.10	32.43	27.49	15.28	8.20