

GC AGM08

Product card

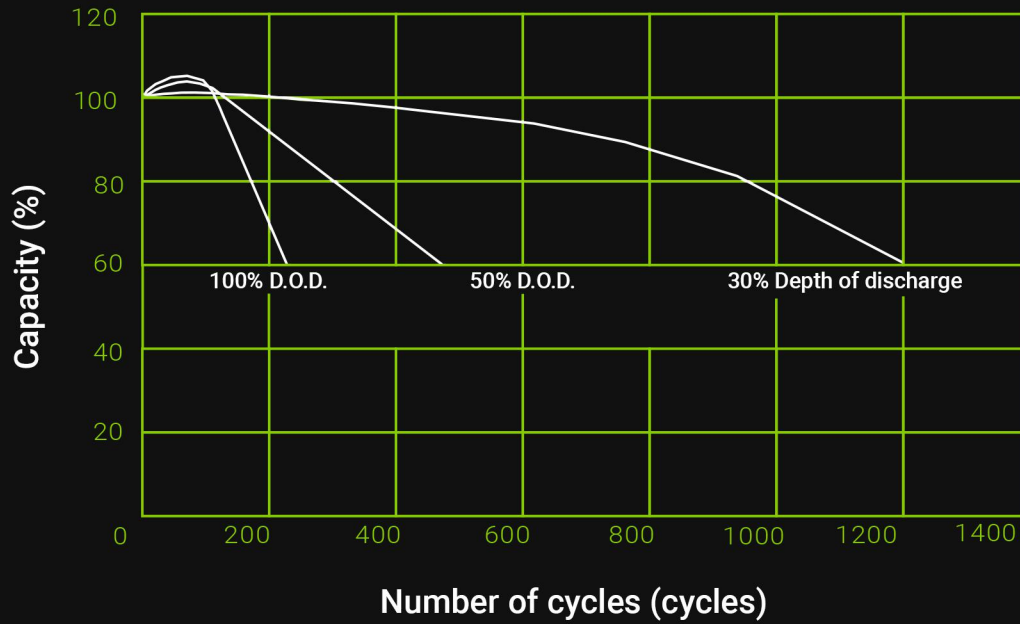


Electrical Specification:

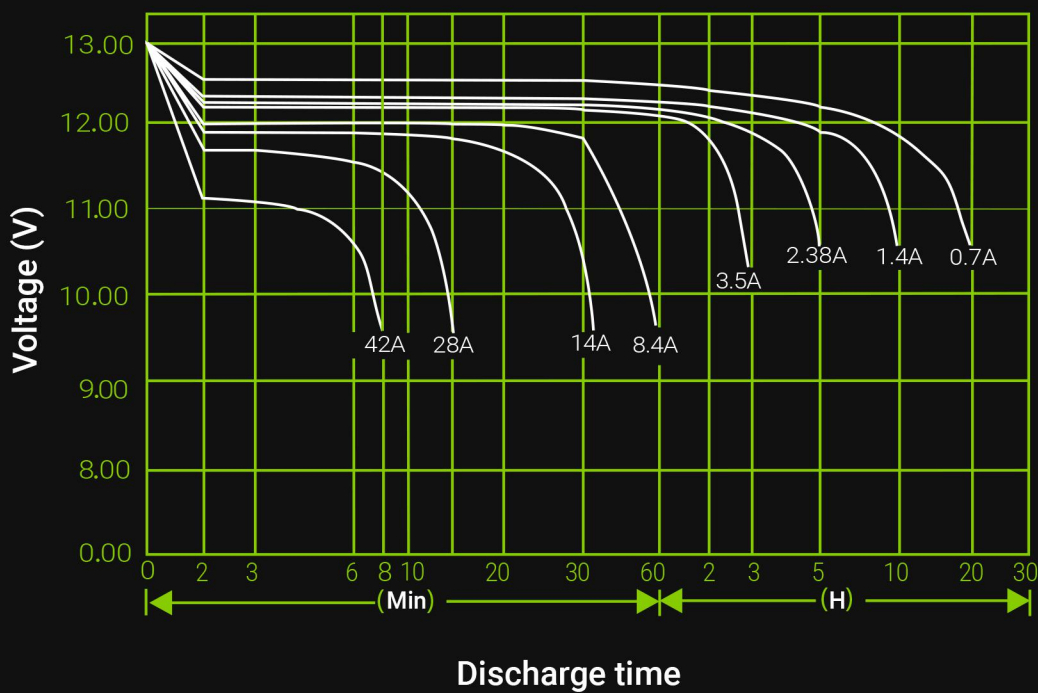
Capacity 25°C (77°F)	20hour rate(0.7A)	14.0Ah
	27min rate(14A)	6.3Ah
	7min rate(42A)	4.9Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	15mΩ
Self-Discharge at 25°C (77°F)	Capacity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

Cycle service life in relation to depth of discharge:



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



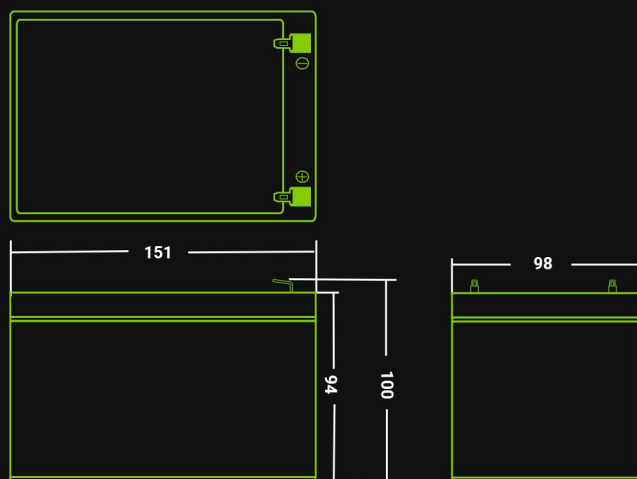
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	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

Physical specification:

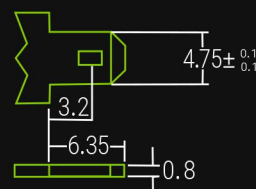
Nominal Voltage		12V
Nominal Capacity(20HR)		14AH
Dimensions	Length	151±1 mm (5.95 inches)
	Width	98±1 mm (3.86 inches)
	Container Height	95±2 mm (3.74 inches)
	Total Height	101±2 mm (3.98 inches)
Weight		Approx 3.45 kg (7.59 lbs)
Standard terminal		F1/F2

Dimensions (mm):

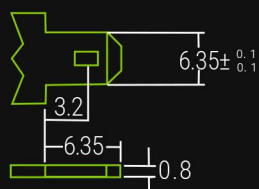


Terminal type:

Standard Terminal
F1 (Fasten Tab No.187A)



Standard Terminal
F2 (Fasten Tab No.250A)



(in mm)