

# GC AGM07

## Product card

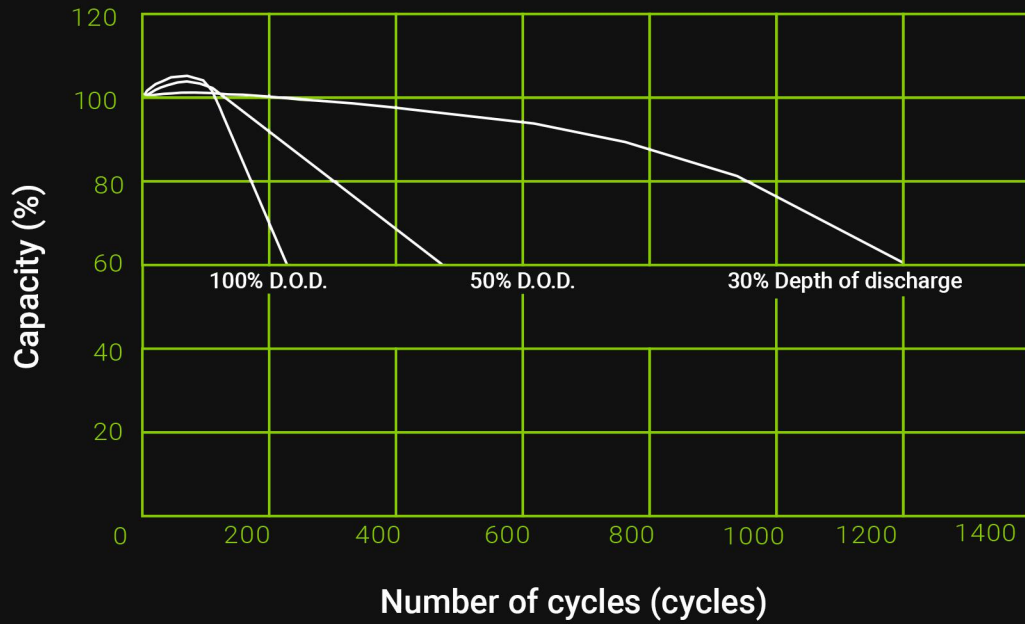


### Electrical Specification:

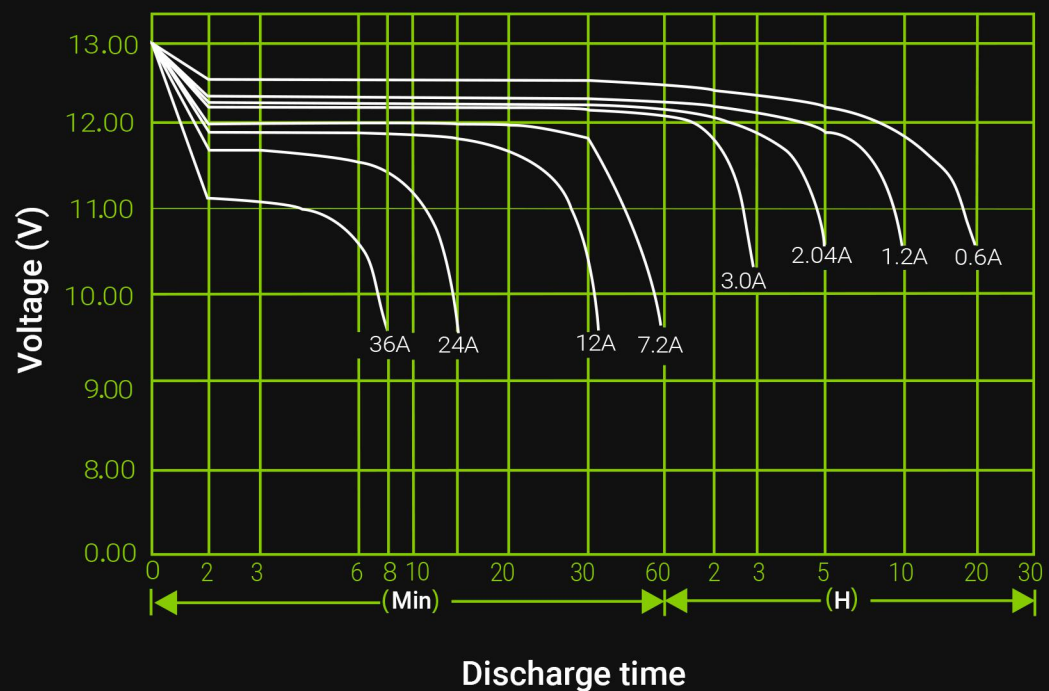
Capacity 25°C (77°F)	20hour rate(0.6A)	12.0Ah
	27min rate(12A)	5.4Ah
	7min rate(36A)	4.2Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	20mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 3.6A 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):**



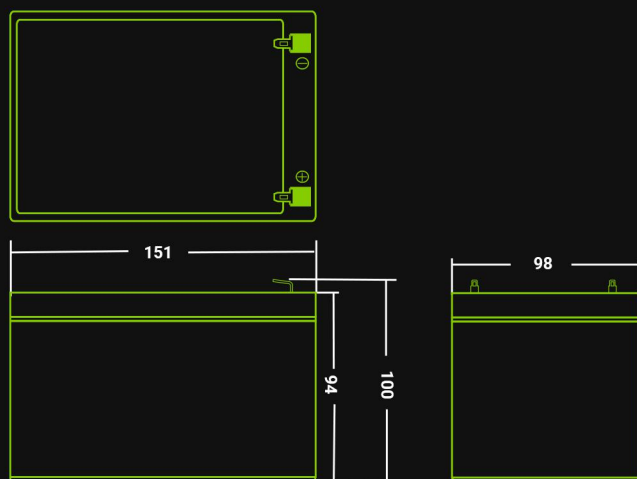
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	46.32	29.30	23.20	12.85	7.92	4.33	3.13	2.51	2.12	1.14	0.62
	W	517.12	330.08	263.60	147.34	91.59	50.44	36.72	29.60	25.24	13.62	7.40
9.90V	A	44.88	28.40	22.60	12.53	7.74	4.28	3.08	2.47	2.10	1.14	0.62
	W	501.22	320.06	256.87	143.67	89.54	49.90	36.17	29.19	24.96	13.57	7.37
10.20V	A	42.84	27.14	21.76	12.20	7.56	4.24	3.04	2.44	2.08	1.13	0.61
	W	478.61	305.97	247.41	140.00	87.48	49.36	35.62	28.77	24.69	13.53	7.34
10.50V	A	40.80	25.88	20.92	11.88	7.38	4.16	3.01	2.41	2.05	1.13	0.60
	W	455.98	291.87	237.94	136.33	85.43	48.54	35.35	28.50	24.41	13.49	7.17
10.80V	A	38.57	24.36	19.72	11.44	7.16	4.07	2.93	2.35	1.98	1.10	0.59
	W	431.19	274.78	224.37	131.29	82.96	47.43	34.37	27.80	23.56	13.10	7.03

### Physical specification:

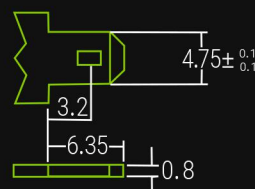
Nominal Voltage		12V
Nominal Capacity(20HR)		12AH
Dimensions	Length	151±1 mm (5.95 inches)
	Width	98±1 mm (3.86 inches)
	Container Height	95±2 mm (3.74 inches)
	Total Height	101±2 mm (3.98 inches)
Weight		Approx 3.3kg±4% (7.26 lbs±4%)
Standard terminal		F1/F2

### Dimensions (mm):

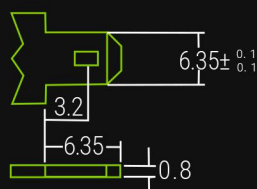


### Terminal type:

Standard Terminal  
F1 (Fasten Tab No.187A)



Standard Terminal  
F2 (Fasten Tab No.250A)



(in mm)