

GC AGM01

Product card

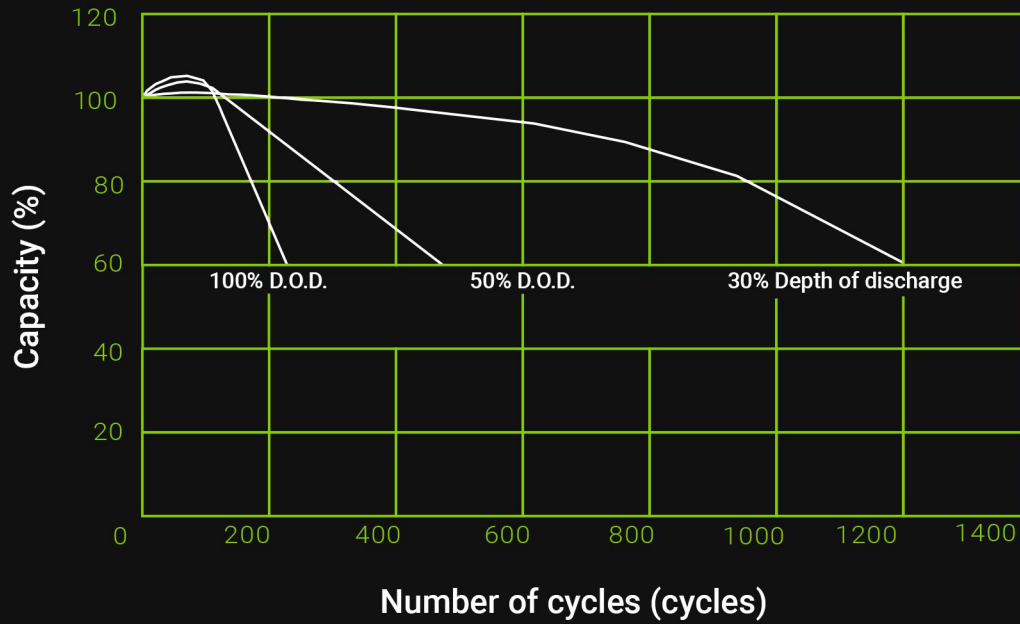


Electrical Specification:

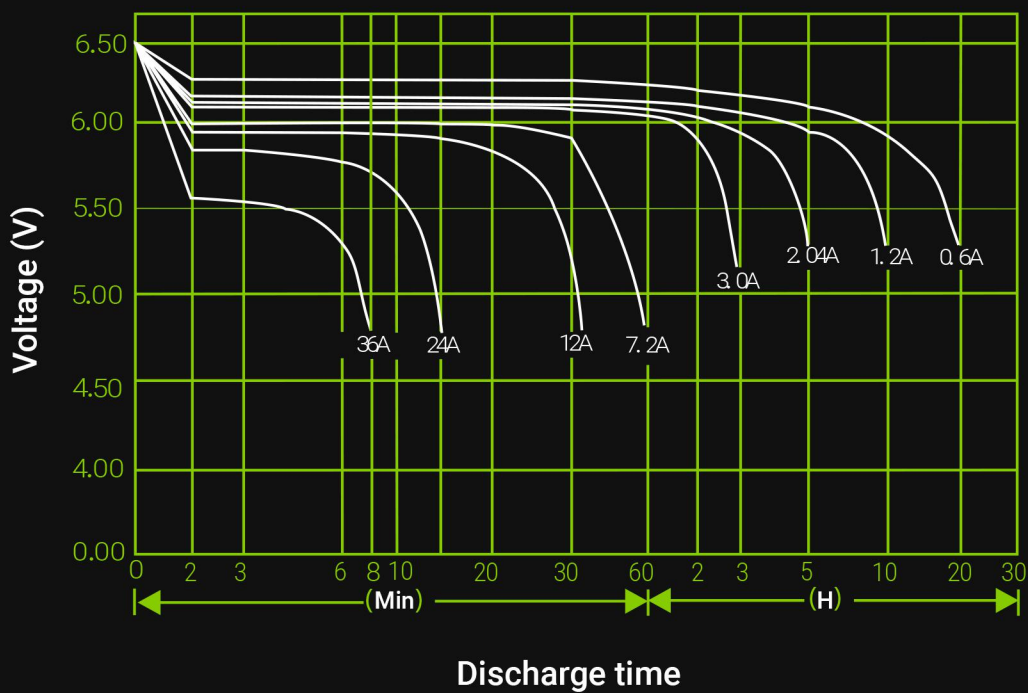
Capacity 25°C (77°F)	20hour rate(0.6A)	12Ah
	27min rate(12A)	5.4Ah
	7min rate(36A)	4.2Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	13 mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 7.20 - 7.50V
	Float	Voltage 6.75 - 6.90V

Cycle service life in relation to depth of discharge:



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



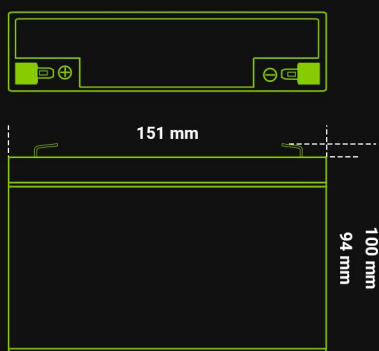
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
4.80V	A	46.32	29.30	23.20	12.85	7.92	4.33	3.13	2.51	2.12	1.14	0.62
	W	258.56	165.04	131.80	73.67	45.79	25.22	18.36	14.80	12.62	6.81	3.70
4.95V	A	44.88	28.40	22.60	12.53	7.74	4.28	3.08	2.47	2.10	1.14	0.62
	W	250.61	160.03	128.44	71.84	44.77	24.95	18.08	14.59	12.48	6.78	3.68
5.10V	A	42.84	27.14	21.76	12.20	7.56	4.24	3.04	2.44	2.08	1.13	0.61
	W	239.30	152.98	123.70	70.00	43.74	24.68	17.81	14.39	12.34	6.77	3.67
5.25V	A	40.80	25.88	20.92	11.88	7.38	4.16	3.01	2.41	2.05	1.13	0.60
	W	227.99	145.93	118.97	68.17	42.72	24.27	17.67	14.25	12.21	6.75	3.59
5.40V	A	38.57	24.36	19.72	11.44	7.16	4.07	2.93	2.35	1.98	1.10	0.59
	W	215.60	137.39	112.18	65.64	41.48	23.72	17.19	13.90	11.78	6.55	

Physical specification:

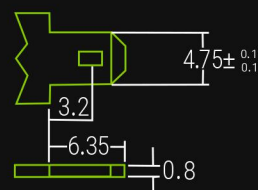
Nominal Voltage		6V
Nominal Capacity(20HR)		12AH
Dimensions	Length	151±1 mm (5.94 inches)
	Width	50±1 mm (1.97 inches)
	Container Height	94±2 mm (3.70 inches)
	Total Height	100±2 mm (3.94 inches)
Weight		Approx 1.65 kg (3.63 lbs)
Standard terminal		F1/F2

Dimensions (mm):

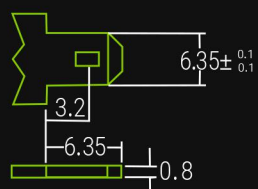


Terminal type:

Standard Terminal
F1 (Fasten Tab No.187A)



Standard Terminal
F2 (Fasten Tab No.250A)



(in mm)