

Green Cell

GC AGM02

Product card

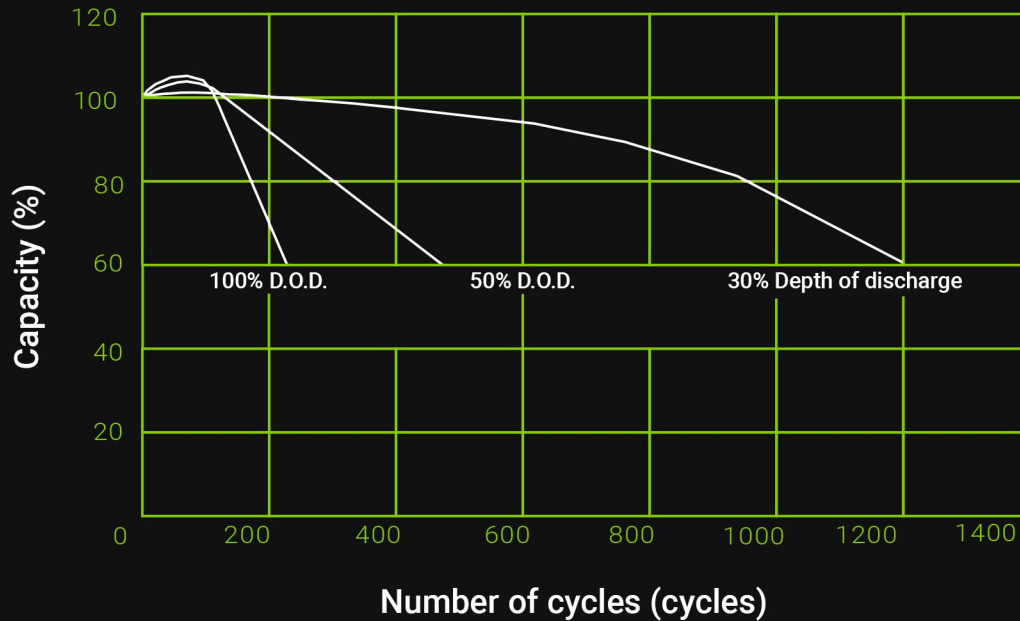


Electrical Specification:

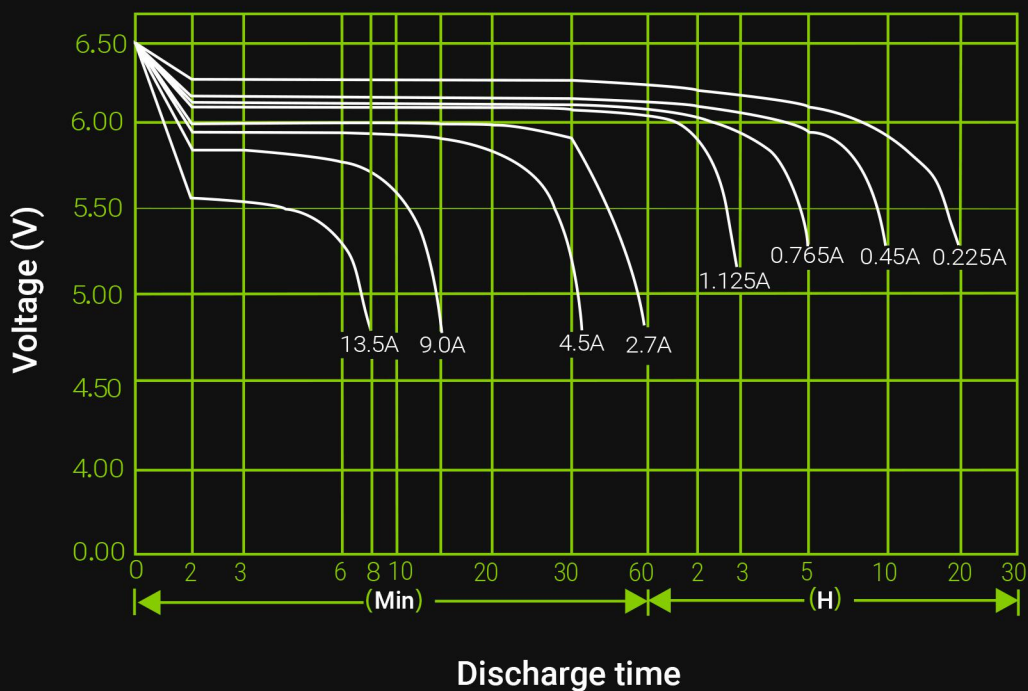
Capacity 25°C (77°F)	20hour rate(0.225A)	4.5Ah
	27min rate(4.5A)	2.7Ah
	7min rate(13.5A)	1.575Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	25mΩ
Self-Discharge at 25°C (77°F)	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 1.35A 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):



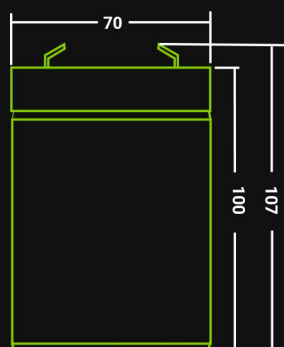
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	A	18.00	12.15	8.55	5.18	2.70	1.58	1.16	0.93	0.79	0.52	0.43	0.230
	W	95.6	64.5	45.4	27.4	15.6	9.1	6.69	5.37	4.56	3.00	2.48	1.35
5.10V	A	16.20	11.05	7.70	4.91	2.52	1.51	1.13	0.90	0.77	0.51	0.42	0.230
	W	89.9	61.3	42.7	27.3	14.6	8.7	6.54	5.22	4.47	2.96	2.43	1.33
5.25V	A	15.30	10.53	7.20	4.76	2.45	1.48	1.11	0.86	0.76	0.51	0.42	0.225
	W	86.7	59.7	40.8	27.0	14.2	8.6	6.45	4.99	4.41	2.95	2.43	1.31
5.40V	A	14.25	9.98	6.75	4.63	2.37	1.44	1.09	0.84	0.73	0.49	0.40	0.221
	W	82.8	58.0	39.2	26.9	13.8	8.4	6.33	4.89	4.25	2.88	2.35	1.29
5.55V	A	13.50	9.45	6.30	4.50	2.29	1.41	1.03	0.82	0.70	0.48	0.39	0.210
	W	80.3	56.2	37.5	26.8	13.6	8.4	6.14	4.88	4.16	2.87	2.33	1.25

Physical specification:

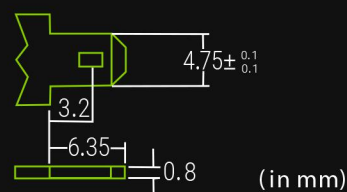
Nominal Voltage		6V
Nominal Capacity(20HR)		4.5AH
Dimensions	Length	70±1 mm (2.76 inches)
	Width	47±1 mm (1.85 inches)
	Container Height	100±2 mm (3.94 inches)
	Total Height	107±2 mm (4.21 inches)
Weight		Approx 0.73 kg (1.606 lbs)
Standard terminal		F1

Dimensions (mm):



Terminal type:

Standard Terminal
F1 (Fasten Tab No.187)



(in mm)