

Green Cell

GC AGM40

Product card

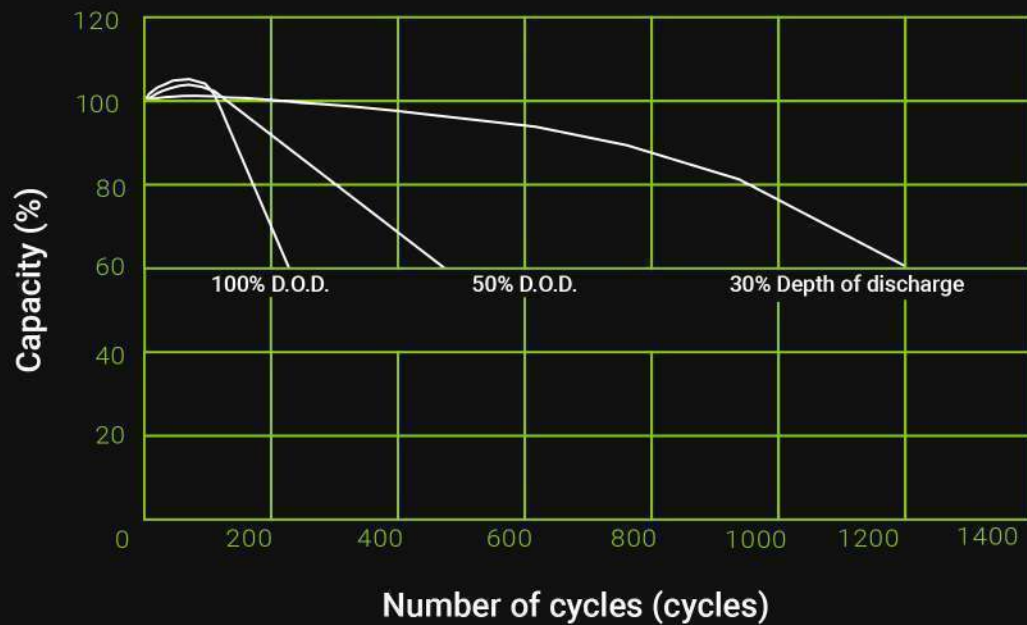


Electrical Specification:

Capacity 25°C (77°F)	20hour rate(0.7A)	14Ah
	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)	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 4.2A 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):



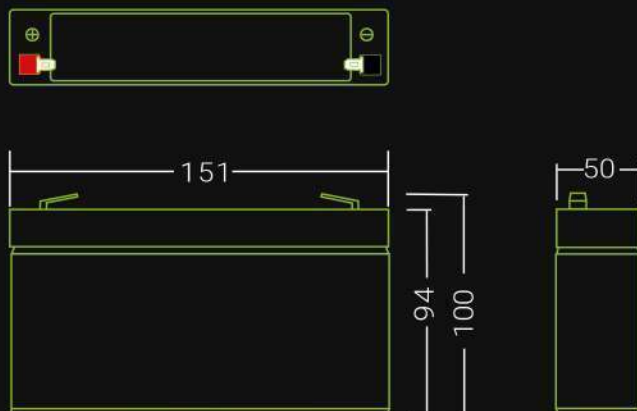
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
4.80V	A	54.04	34.19	27.06	14.99	9.24	5.05	3.65	2.93	2.48	1.33	0.72
	W	301.65	192.55	153.77	85.95	53.43	29.42	21.42	17.27	14.72	7.94	4.31
4.95V	A	52.36	33.14	26.36	14.62	9.03	5.00	3.60	2.88	2.45	1.33	0.72
	W	292.38	186.70	149.84	83.81	52.23	29.11	21.10	17.03	14.56	7.92	4.30
5.10V	A	49.98	31.67	25.38	14.24	8.82	4.94	3.54	2.84	2.42	1.32	0.72
	W	279.19	178.48	144.32	81.67	51.03	28.79	20.78	16.78	14.40	7.89	4.28
5.25V	A	47.60	30.20	24.40	13.86	8.61	4.86	3.51	2.81	2.39	1.32	0.70
	W	265.99	170.26	138.80	79.53	49.83	28.31	20.62	16.63	14.24	7.87	4.18
5.40V	A	45.00	28.42	23.00	13.34	8.36	4.75	3.42	2.74	2.31	1.28	0.69
	W	251.53	160.29	130.88	76.58	48.39	27.67	20.05	16.22	13.74	7.64	4.10

Physical specification:

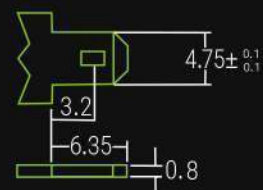
Nominal Voltage		6V
Nominal Capacity(20HR)		14AH
Dimensions	Length	151±1 mm (5.94 inches)
	Width	50±1 mm (1.97 inches)
	Container Height	94±2 mm (3.70 inches)
	Total Height	100±2 mm (3.94 inches)
Weight		Approx 1.8kg (3.96 lbs)
Standard terminal		F1/F2

Dimensions (mm):

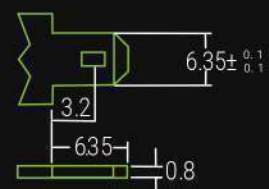


Terminal type:

Standard Terminal
F1 (Fasten Tab No.187A)



Standard Terminal
F2 (Fasten Tab No.250A)



(in mm)