

Green Cell

GC AGM39

Product card

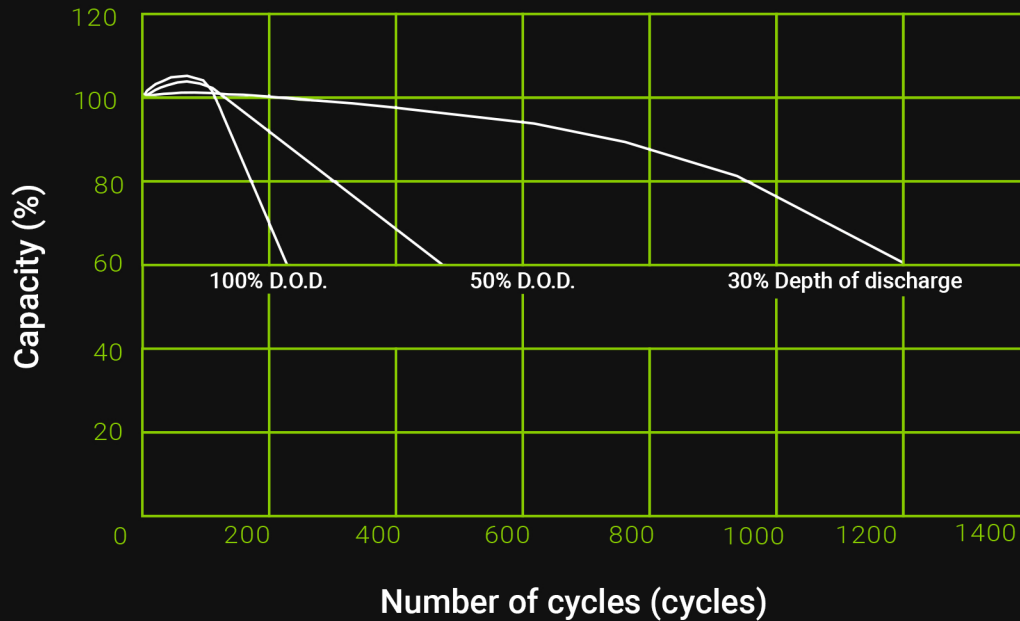


Electrical Specification:

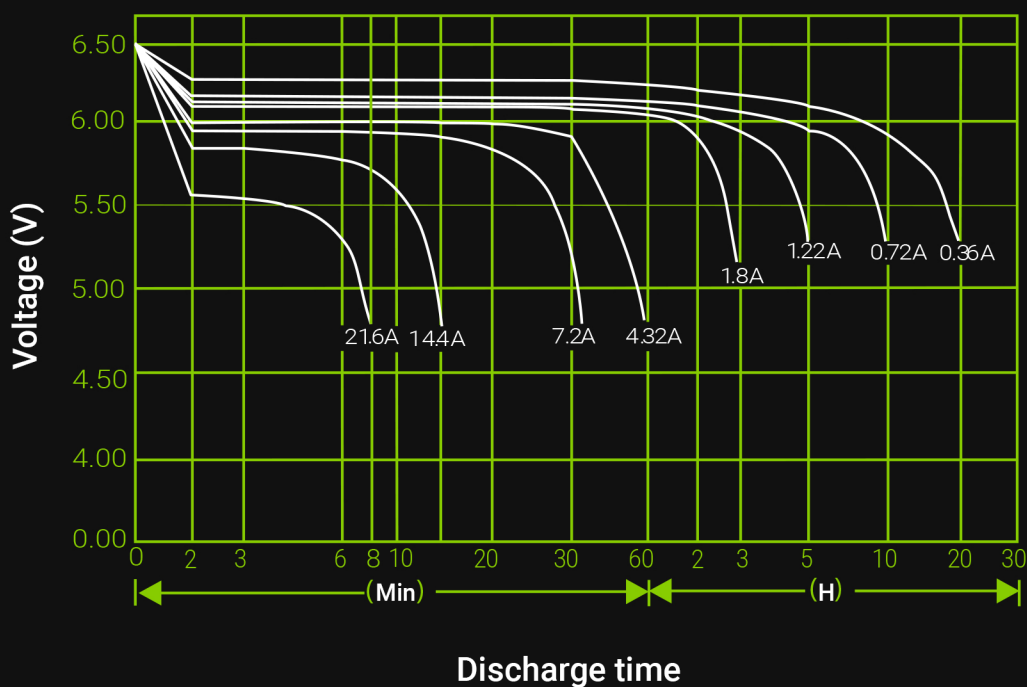
Capacity 25°C (77°F)	20hour rate(0.36A)	7.2Ah
	27min rate(7.2A)	3.24Ah
	7min rate(21.6A)	2.52Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	20mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 2.16A 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):



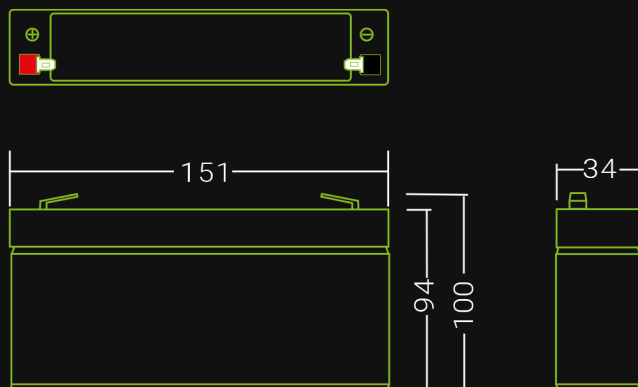
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
4.80V	A	27.79	17.58	13.92	7.71	4.75	2.60	1.88	1.50	1.27	0.68	0.37
	W	155.13	99.02	79.08	44.20	27.48	15.13	11.02	8.88	7.57	4.09	2.22
4.95V	A	26.93	17.04	13.56	7.52	4.64	2.57	1.85	1.48	1.26	0.68	0.37
	W	150.37	96.02	77.06	43.10	26.86	14.97	10.85	8.76	7.49	4.07	2.21
5.10V	A	25.70	16.29	13.05	7.32	4.54	2.54	1.82	1.46	1.25	0.68	0.37
	W	143.58	91.79	74.22	42.00	26.25	14.81	10.69	8.63	7.41	4.06	2.20
5.25V	A	24.48	15.53	12.55	7.13	4.43	2.50	1.81	1.45	1.23	0.68	0.36
	W	136.79	87.56	71.38	40.90	25.63	14.56	10.60	8.55	7.32	4.05	2.15
5.40V	A	23.14	14.62	11.83	6.86	4.30	2.44	1.76	1.41	1.19	0.66	0.35
	W	129.36	82.43	67.31	39.39	24.89	14.23	10.31	8.34	7.07	3.93	2.11

Physical specification:

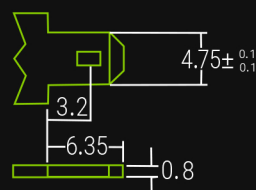
Nominal Voltage		6V
Nominal Capacity(20HR)		7.2AH
Dimensions	Length	151±1 mm (5.94 inches)
	Width	34±1 mm (1.34 inches)
	Container Height	94±2 mm (3.70 inches)
	Total Height	100±2 mm (3.94 inches)
Weight		Approx 1.06kg (2.332 lbs)
Standard terminal		F1/F2

Dimensions (mm):

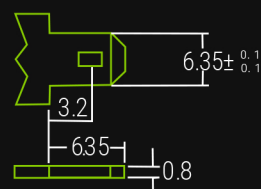


Terminal type:

Standard Terminal
F1 (Fasten Tab No.187A)



Standard Terminal
F2 (Fasten Tab No.250A)



(in mm)