

Green Cell

GC AGM38

Product card

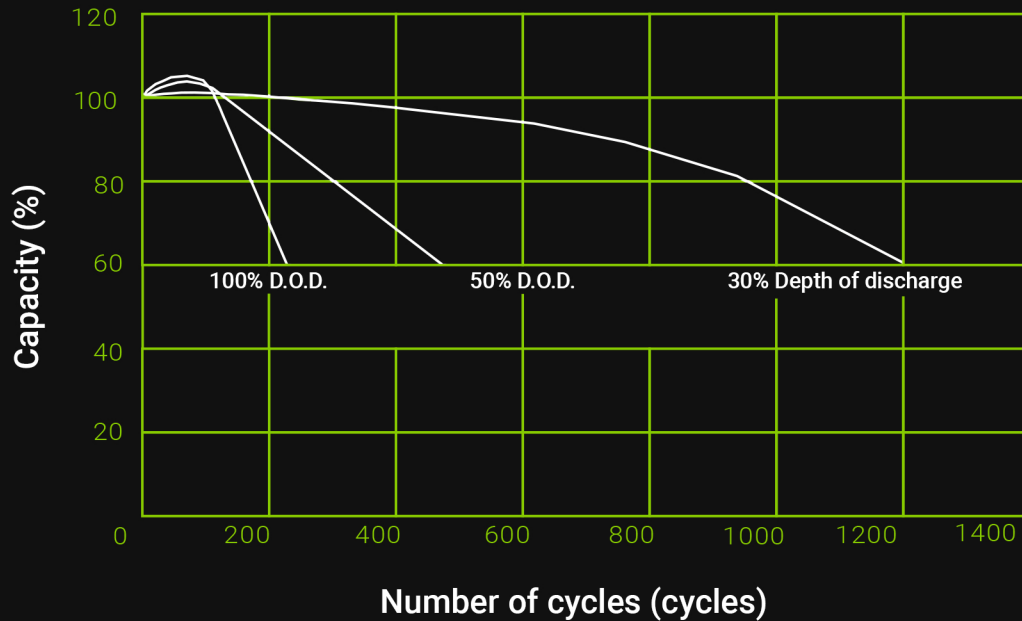


Electrical Specification:

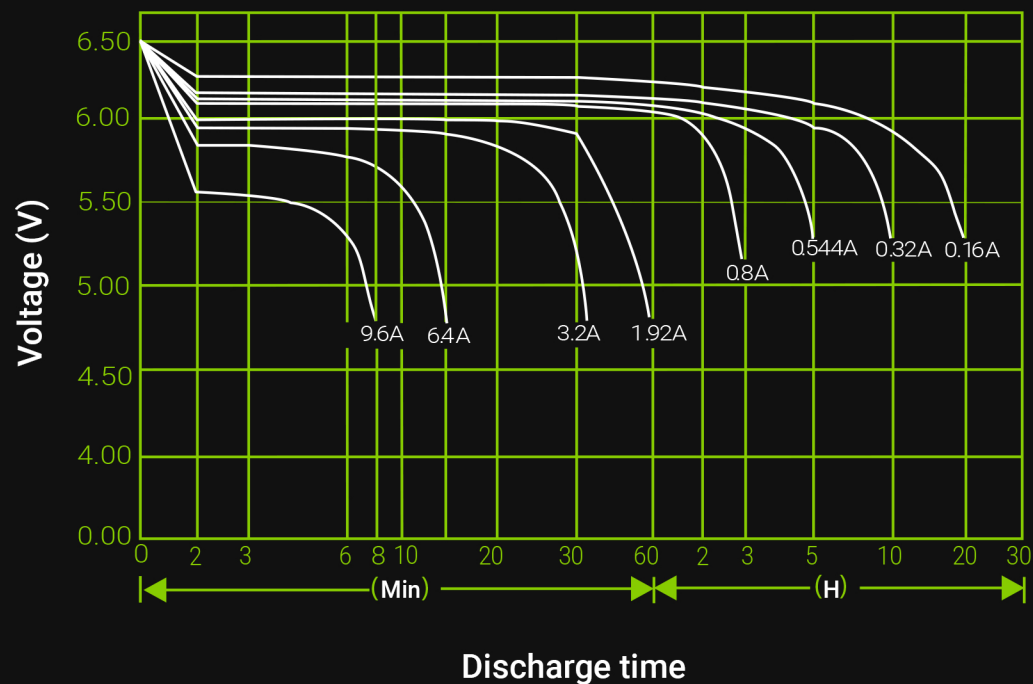
Capacity 25°C (77°F)	20hour rate(0.16A)	3.2Ah
	27min rate(3.2A)	1.44Ah
	7min rate(9.6A)	1.12Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	40mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 0.96A 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):



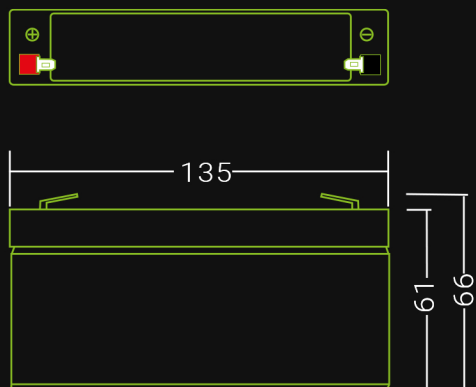
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
4.80V	A	12.35	7.81	6.19	3.43	2.11	1.16	0.84	0.67	0.57	0.30	0.17
	W	68.95	44.01	35.15	19.64	12.21	6.73	4.90	3.95	3.37	1.82	0.99
4.95V	A	11.97	7.57	6.03	3.34	2.06	1.14	0.82	0.66	0.56	0.30	0.16
	W	66.83	42.67	34.25	19.16	11.94	6.65	4.82	3.89	3.33	1.81	0.98
5.10V	A	11.42	7.24	5.80	3.25	2.02	1.13	0.81	0.65	0.55	0.30	0.16
	W	63.81	40.80	32.99	18.67	11.66	6.58	4.75	3.84	3.29	1.80	0.98
5.25V	A	10.88	6.90	5.58	3.17	1.97	1.11	0.80	0.64	0.55	0.30	0.16
	W	60.80	38.92	31.73	18.18	11.39	6.47	4.71	3.80	3.25	1.80	0.96
5.40V	A	10.28	6.50	5.26	3.05	1.91	1.08	0.78	0.63	0.53	0.29	0.16
	W	57.49	36.64	29.92	17.50	11.06	6.32	4.58	3.71	3.14	1.75	0.94

Physical specification:

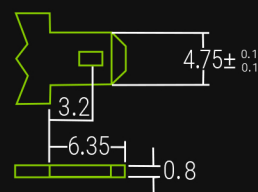
Nominal Voltage		6V
Nominal Capacity(20HR)		3.2AH
Dimensions	Length	135±1 mm (5.32 inches)
	Width	35±1 mm (1.38 inches)
	Container Height	61±2 mm (2.40 inches)
	Total Height	66±2 mm (2.60 inches)
Weight		Approx 0.60kg (1.32 lbs)
Standard terminal		F1

Dimensions (mm):



Terminal type:

Standard Terminal
F1 (Fasten Tab No.187)



(in mm)