

Green Cell

GC AGM18

Product card

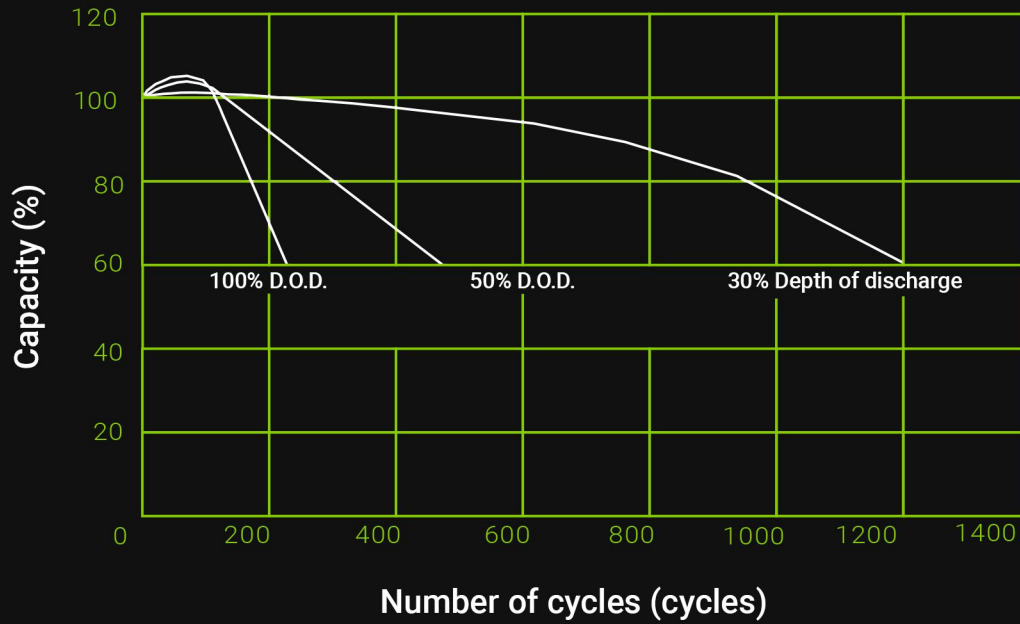


Electrical Specification:

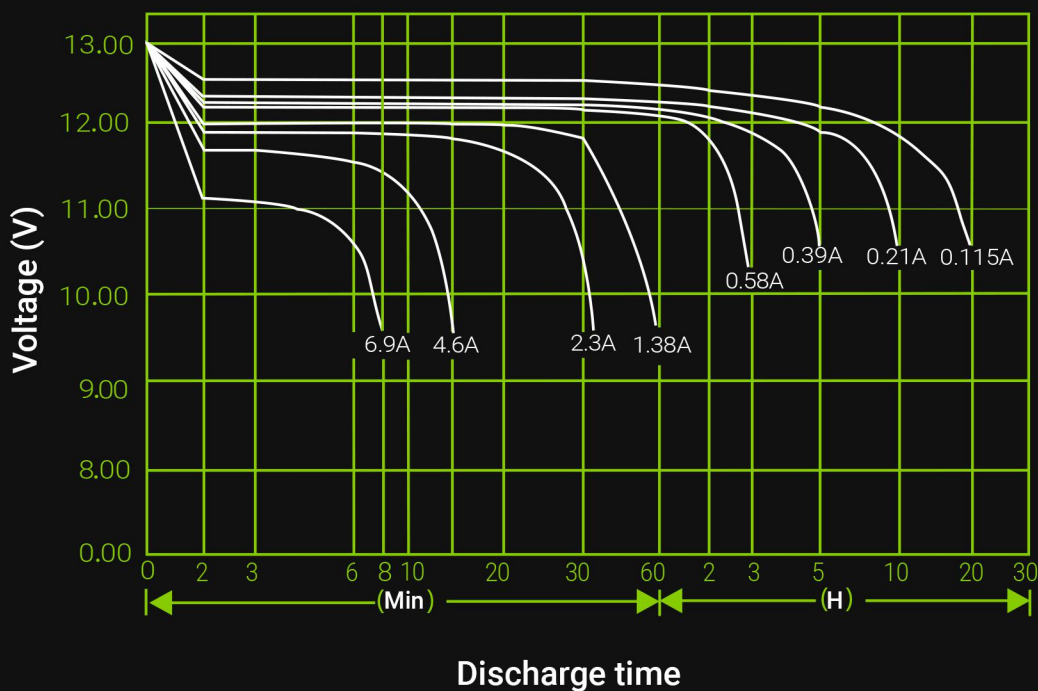
Capacity 25°C (77°F)	20hour rate(0.115A)	2.30Ah
	27min rate(2.3A)	1.035Ah
	7min rate(6.9A)	0.805Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	45mΩ
Self-Discharge at 25°C (77°F)	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 0.69A Voltage 14.40 - 14.90V
	Float	Voltage 13.50 - 13.80V

Cycle service life in relation to depth of discharge:



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



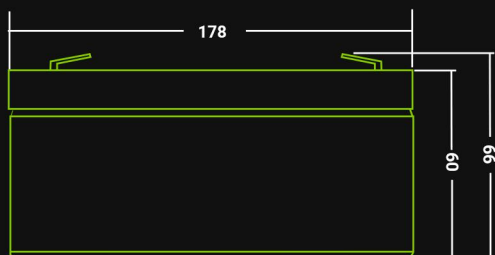
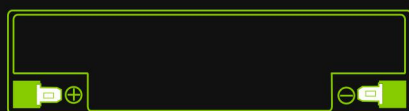
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	9.20	6.21	4.37	2.65	1.38	0.81	0.59	0.48	0.40	0.27	0.22	0.120
	W	97.7	65.9	4.64	28.1	15.9	9.30	6.85	5.50	4.67	3.08	2.52	1.38
10.20V	A	8.28	5.65	3.93	2.51	1.30	0.77	0.58	0.46	0.40	0.26	0.21	0.120
	W	91.9	62.7	43.6	27.9	15.0	8.90	6.66	5.33	4.58	3.03	2.47	1.34
10.50V	A	7.83	5.38	3.68	2.43	1.25	0.76	0.57	0.44	0.39	0.26	0.21	0.115
	W	88.7	61.0	41.7	27.6	14.5	8.80	6.55	5.06	4.55	3.00	2.45	1.33
10.80V	A	7.28	5.10	3.45	2.37	1.21	0.74	0.56	0.43	0.37	0.25	0.21	0.113
	W	84.7	59.2	40.2	27.5	14.1	8.60	6.47	5.00	4.35	2.88	2.40	1.30
11.10V	A	6.90	4.83	3.22	2.30	1.17	0.72	0.53	0.42	0.36	0.25	0.20	0.111
	W	82.1	57.4	38.2	27.3	13.9	8.50	6.28	4.98	4.26	2.78	2.35	1.29

Physical specification:

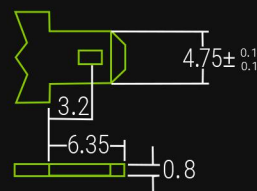
Nominal Voltage		12V
Nominal Capacity(20HR)		2.3AH
Dimensions	Length	178±1 mm (7.01 inches)
	Width	34±1 mm (1.34 inches)
	Container Height	60±2 mm (2.36 inches)
	Total Height	66±2 mm (2.60 inches)
Weight		Approx 0.93 kg (2.046 lbs)
Standard terminal		F1

Dimensions (mm):



Terminal type:

Standard Terminal
F1 (Fasten Tab No.187)



(in mm)