

**Green Cell**

# GC AGM42

## Product card

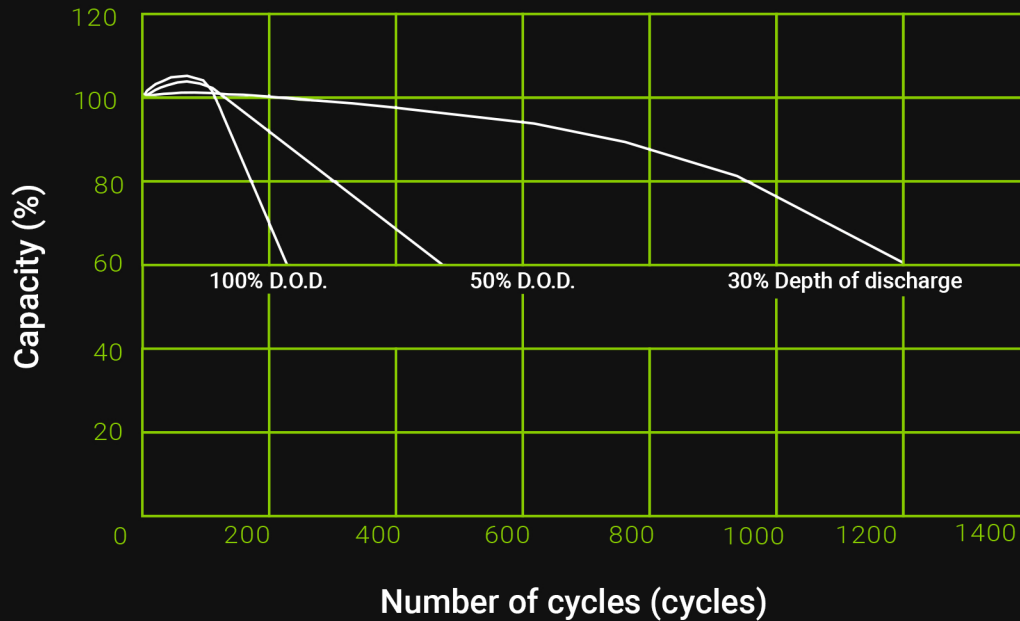


### Electrical Specification:

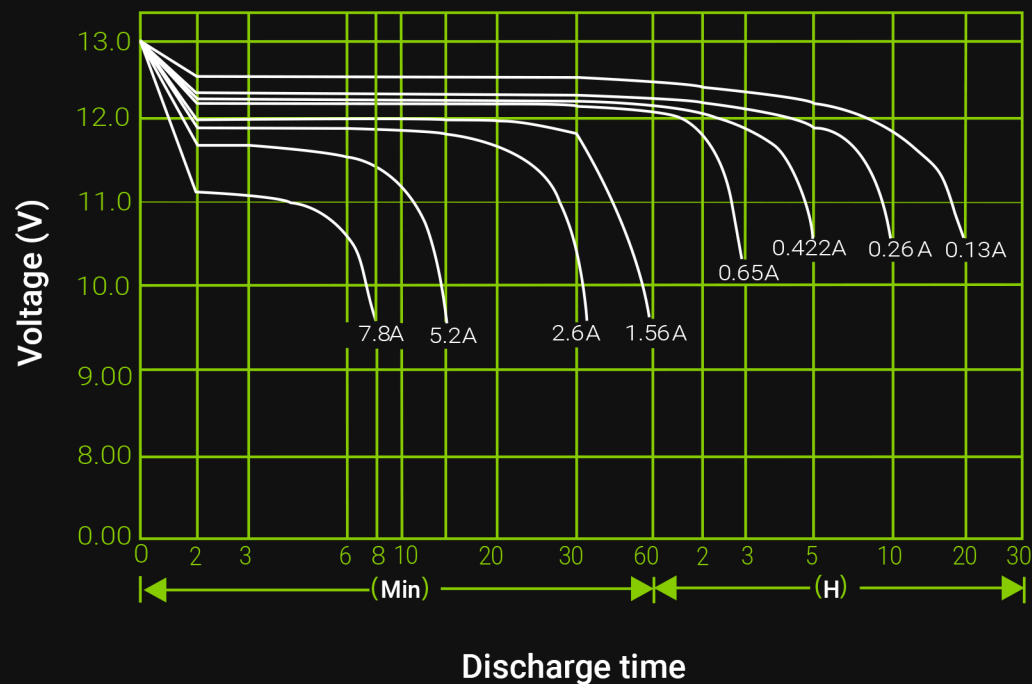
Capacity 25°C (77°F)	20hour rate(0.13A)	2.6Ah
	27min rate(2.6A)	1.17Ah
	7min rate(7.8A)	0.91Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	45mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 0.78A 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):**



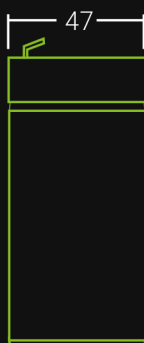
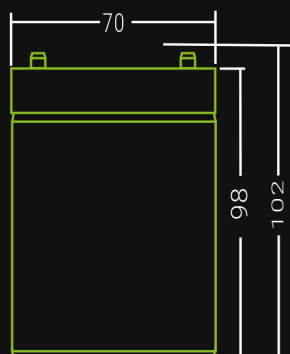
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	10.04	6.35	5.03	2.78	1.72	0.94	0.68	0.54	0.46	0.25	0.13
	W	112.04	71.52	57.11	31.92	19.84	10.93	7.96	6.41	5.47	2.95	1.60
9.90V	A	9.72	6.15	4.90	2.71	1.68	0.93	0.67	0.54	0.46	0.25	0.13
	W	108.60	69.35	55.66	31.13	19.40	10.81	7.84	6.32	5.41	2.94	1.60
10.20V	A	9.28	5.88	4.71	2.64	1.64	0.92	0.66	0.53	0.45	0.25	0.13
	W	103.70	66.29	53.61	30.33	18.95	10.69	7.72	6.23	5.35	2.93	1.59
10.50V	A	8.84	5.61	4.53	2.57	1.60	0.90	0.65	0.52	0.44	0.24	0.13
	W	98.80	63.24	51.55	29.54	18.51	10.52	7.66	6.18	5.29	2.92	1.55
10.80V	A	8.36	5.28	4.27	2.48	1.55	0.88	0.63	0.51	0.43	0.24	0.13
	W	93.42	59.54	48.61	28.45	17.97	10.28	7.45	6.02	5.11	2.84	1.52

### Physical specification:

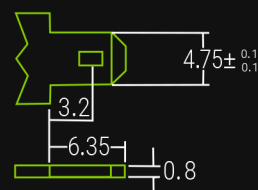
Nominal Voltage		12V
Nominal Capacity(20HR)		2.6AH
Dimensions	Length	70±1 mm (2.76inches)
	Width	47±1 mm (1.85 inches)
	Container Height	98±2 mm (3.86 inches)
	Total Height	102±2 mm (4.02 inches)
Weight		Approx 0.84kg (1.848 lbs)
Standard terminal		F1

### Dimensions (mm):



### Terminal type:

Standard Terminal  
F1 (Fasten Tab No.187)



(in mm)