

# GC AGM15

## Product card

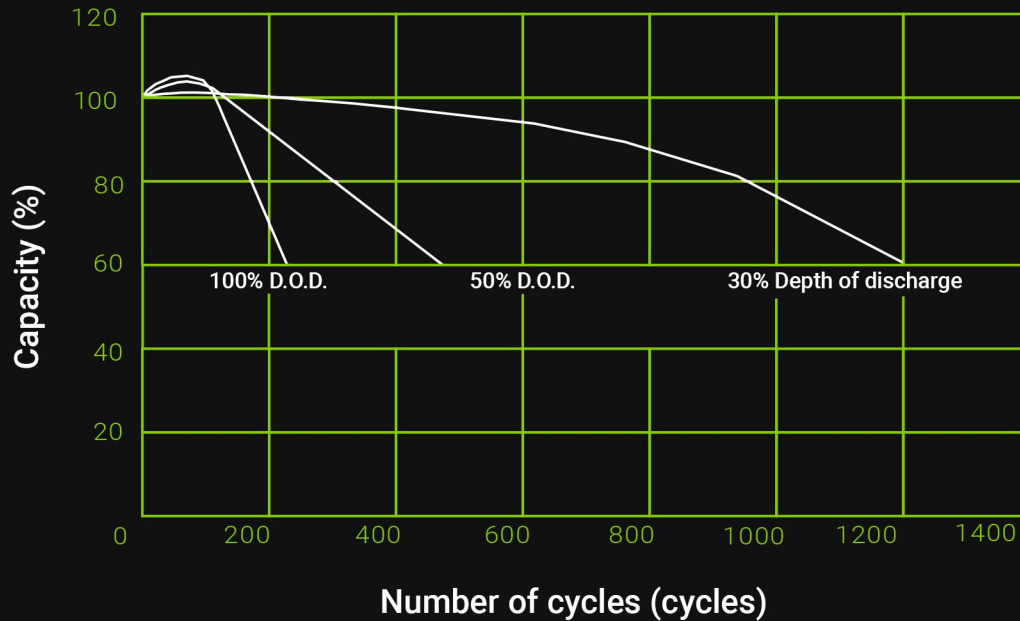


### Electrical Specification:

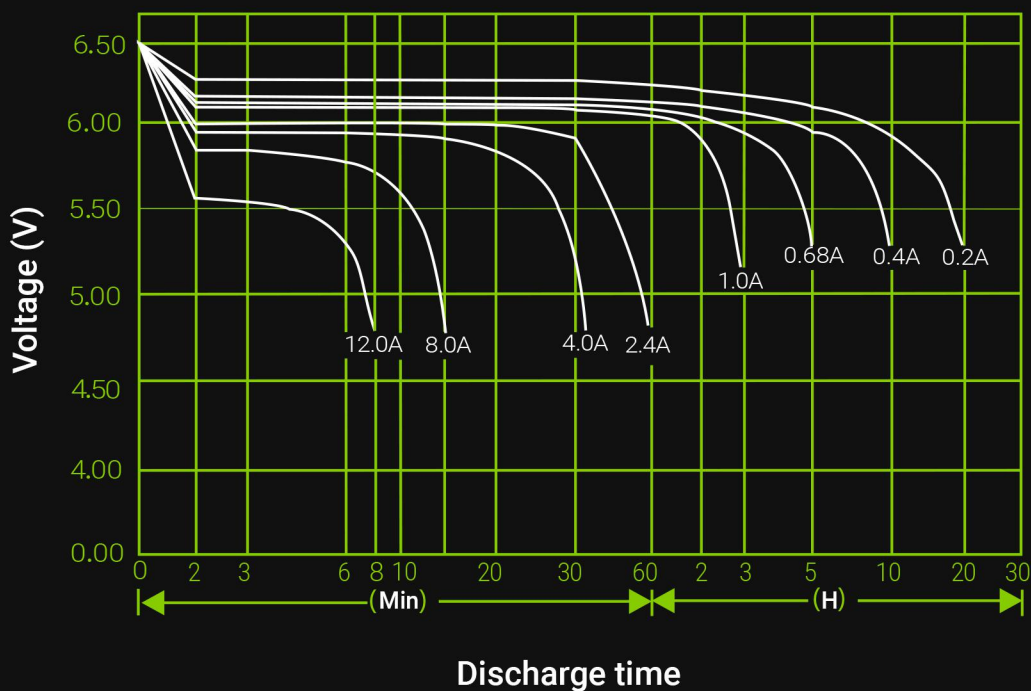
Capacity 25°C (77°F)	20hour rate(0.2A)	4.0Ah
	27min rate(4.0A)	1.8Ah
	7min rate(12.0A)	1.4Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	40mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 1.2A 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):**



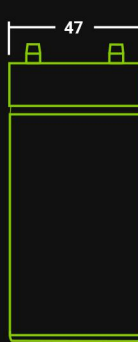
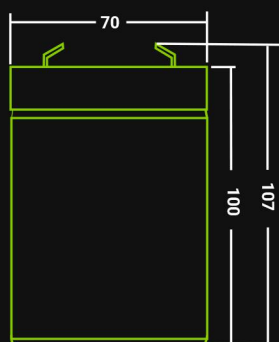
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
4.80V	A	15.44	9.77	7.73	4.28	2.64	1.44	1.04	0.84	0.71	0.38	0.21
	W	86.19	55.01	43.93	24.56	15.26	8.41	6.12	4.93	4.21	2.27	1.23
4.95V	A	14.96	9.47	7.53	4.18	2.58	1.43	1.03	0.82	0.70	0.38	0.21
	W	83.54	53.34	42.81	23.95	14.92	8.32	6.03	4.86	4.16	2.26	1.23
5.10V	A	14.28	9.05	7.25	4.07	2.52	1.41	1.01	0.81	0.69	0.38	0.20
	W	79.77	50.99	41.23	23.33	14.58	8.23	5.94	4.80	4.11	2.26	1.22
5.25V	A	13.60	8.63	6.97	3.96	2.46	1.39	1.00	0.80	0.68	0.38	0.20
	W	76.00	48.64	39.66	22.72	14.24	8.09	5.89	4.75	4.07	2.25	1.20
5.40V	A	12.86	8.12	6.57	3.81	2.39	1.36	0.98	0.78	0.66	0.37	0.20
	W	71.87	45.80	37.39	21.88	13.83	7.91	5.73	4.63	3.93	2.18	1.17

### Physical specification:

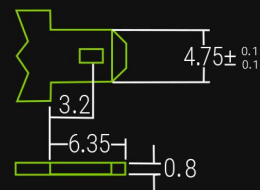
Nominal Voltage		6V
Nominal Capacity(20HR)		4.0AH
Dimensions	Length	70±1 mm (2.76 inches)
	Width	47±1 mm (1.85 inches)
	Container Height	100±2 mm (3.94 inches)
	Total Height	107±2 mm (4.21 inches)
Weight		Approx 0.68 kg (1.496 lbs)
Standard terminal		F1

### Dimensions (mm):



### Terminal type:

Standard Terminal  
F1 (Fasten Tab No.187)



(in mm)