

# GC AGM52

## Product card

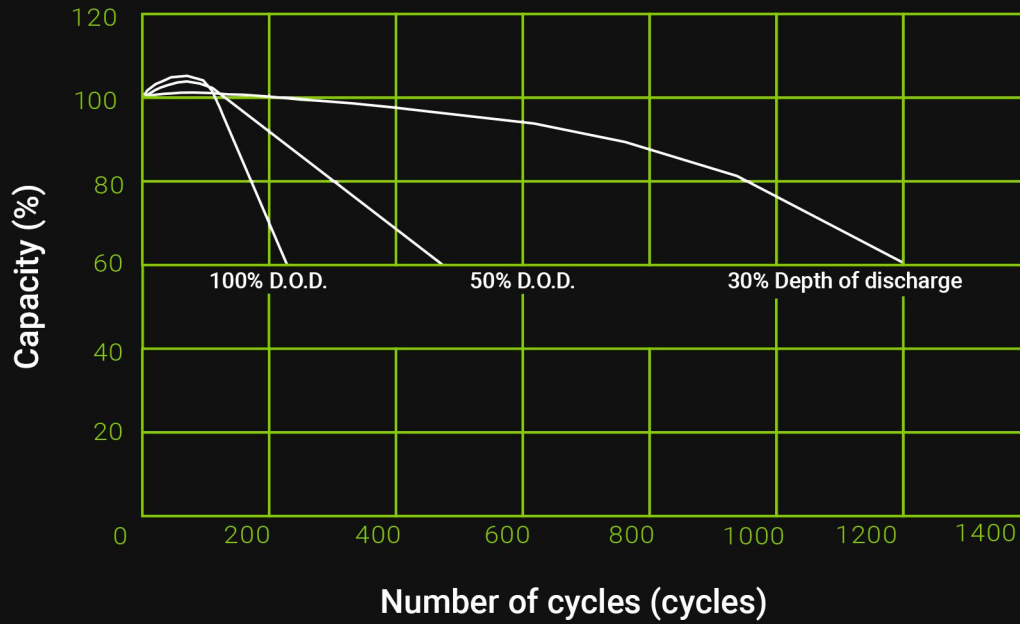


### Electrical Specification:

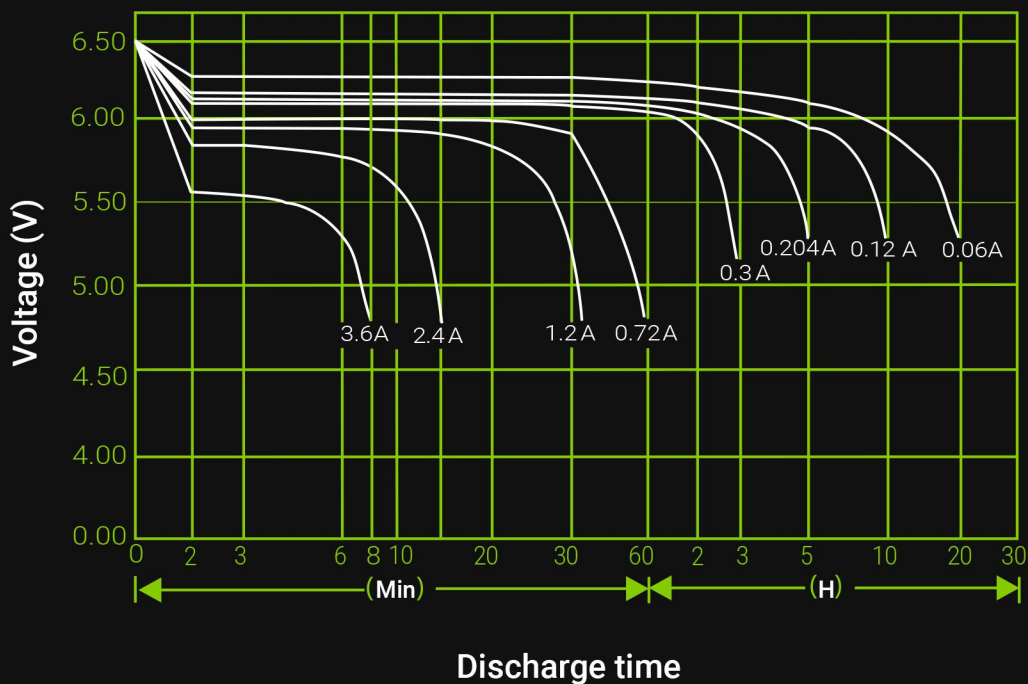
Capacity 25°C (77°F)	20hour rate(0.6A)	1.20Ah
	27min rate(1.2A)	0.54Ah
	7min rate(3.6A)	0.42Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	75mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 0.36A 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):**



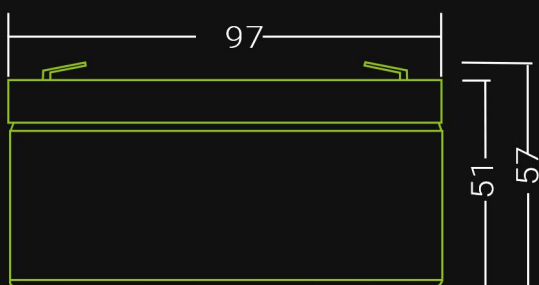
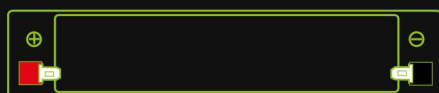
### Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
4.80V	A	4.63	2.93	2.32	1.29	0.79	0.43	0.31	0.25	0.21	0.11	0.06
	W	25.86	16.50	13.18	7.37	4.58	2.52	1.84	1.48	1.26	0.68	0.37
4.95V	A	4.49	2.84	2.26	1.25	0.77	0.43	0.31	0.25	0.21	0.11	0.06
	W	25.06	16.00	12.84	7.18	4.48	2.50	1.81	1.46	1.25	0.68	0.37
5.10V	A	4.28	2.71	2.18	1.22	0.76	0.42	0.30	0.24	0.21	0.11	0.06
	W	23.93	15.30	12.37	7.00	4.37	2.47	1.78	1.44	1.23	0.68	0.37
5.25V	A	4.08	2.59	2.09	1.19	0.74	0.42	0.30	0.24	0.21	0.11	0.06
	W	22.80	14.59	11.90	6.82	4.27	2.43	1.77	1.43	1.22	0.67	0.36
5.40V	A	3.86	2.44	1.97	1.14	0.72	0.41	0.29	0.24	0.20	0.11	0.06
	W	21.56	13.74	11.22	6.56	4.15	2.37	1.72	1.39	1.18	0.65	0.35

### Physical specification:

Nominal Voltage		6V
Nominal Capacity(20HR)		1.2AH
Dimensions	Length	97±1 mm (3.82 inches)
	Width	25±1 mm (0.98 inches)
	Container Height	51±2 mm (2.01 inches)
	Total Height	57±2 mm (2.24 inches)
Weight		Approx 0.25kg (0.55 lbs)
Standard terminal		F1

### Dimensions (mm):



### Terminal type:

Standard Terminal  
F1 (Fasten Tab No. 187)

