

GC AGM11

Product card

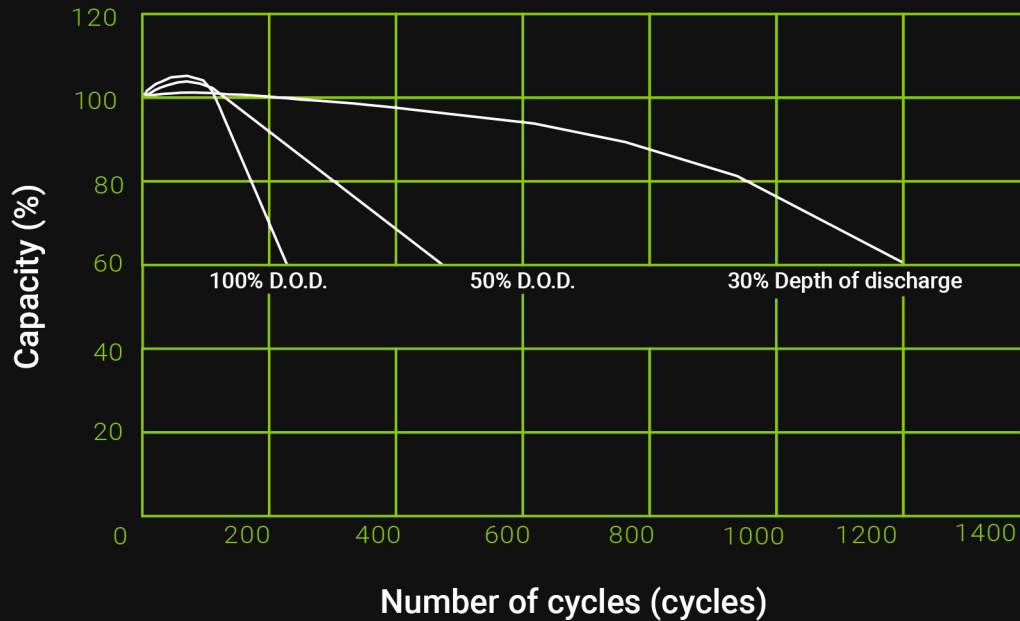


Electrical Specification:

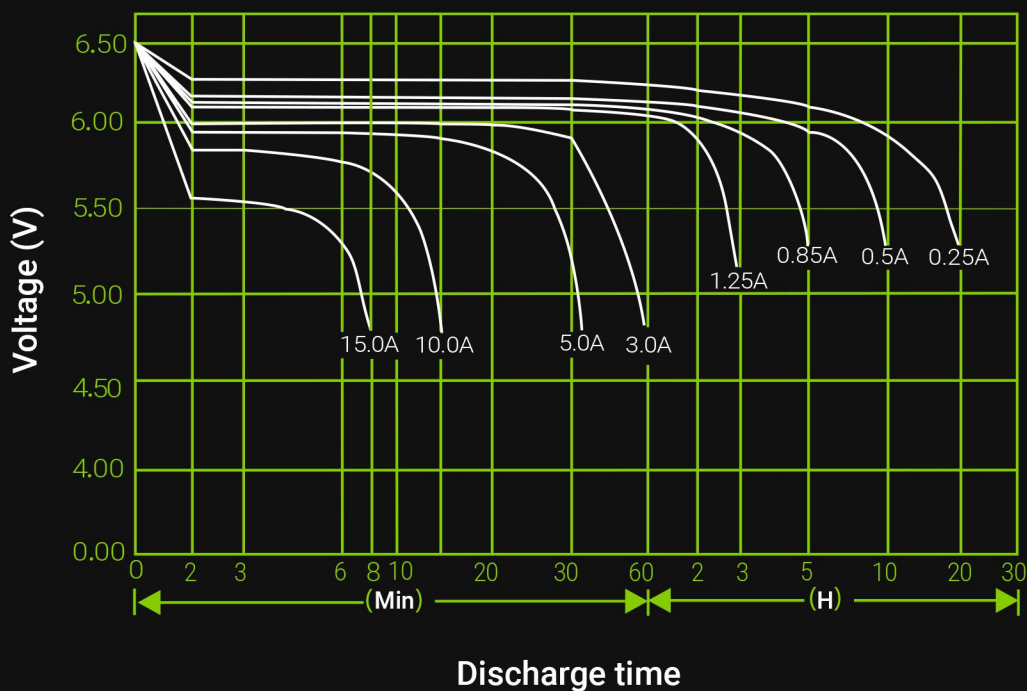
Capacity 25°C (77°F)	20hour rate(0.25A)	5.0Ah
	27min rate(5.0A)	3.0Ah
	7min rate(15.0A)	1.75Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	30mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 1.5A 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):



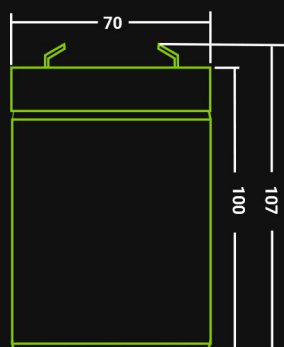
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	A	20.00	13.50	9.50	5.75	3.00	1.75	1.29	1.03	0.88	0.58	0.48	0.255
	W	106.2	71.7	50.4	30.5	17.3	10.1	7.43	5.97	5.07	3.33	2.76	1.50
5.10V	A	18.00	12.28	8.55	5.45	2.80	1.68	1.26	1.00	0.86	0.57	0.47	0.255
	W	99.9	68.1	47.4	30.3	16.2	9.7	7.27	5.80	4.97	3.29	2.70	1.48
5.25V	A	17.00	11.70	8.00	5.29	2.72	1.65	1.24	0.96	0.85	0.57	0.47	0.250
	W	96.3	66.3	45.3	30.0	15.8	9.5	7.16	5.54	4.90	3.28	2.70	1.46
5.40V	A	15.83	11.09	7.50	5.15	2.64	1.60	1.21	0.94	0.81	0.55	0.45	0.245
	W	92.0	64.4	43.6	29.9	15.3	9.3	7.03	5.43	4.73	3.20	2.61	1.43
5.55V	A	15.00	10.50	7.00	5.00	2.55	1.57	1.15	0.91	0.78	0.54	0.44	0.233
	W	89.3	62.5	41.7	29.8	15.1	9.3	6.82	5.42	4.62	3.19	2.59	1.39

Physical specification:

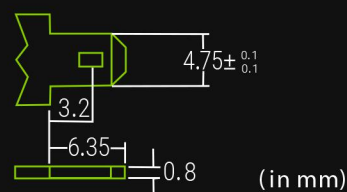
Nominal Voltage		6V
Nominal Capacity(20HR)		5.0AH
Dimensions	Length	70±1 mm (2.76 inches)
	Width	47±1 mm (1.85 inches)
	Container Height	100±2 mm (3.94 inches)
	Total Height	107±2 mm (4.21 inches)
Weight		Approx 0.78 kg (1.716 lbs)
Standard terminal		F1

Dimensions (mm):



Terminal type:

Standard Terminal
F1 (Fasten Tab No.187)



(in mm)