

GC AGM12

Product card

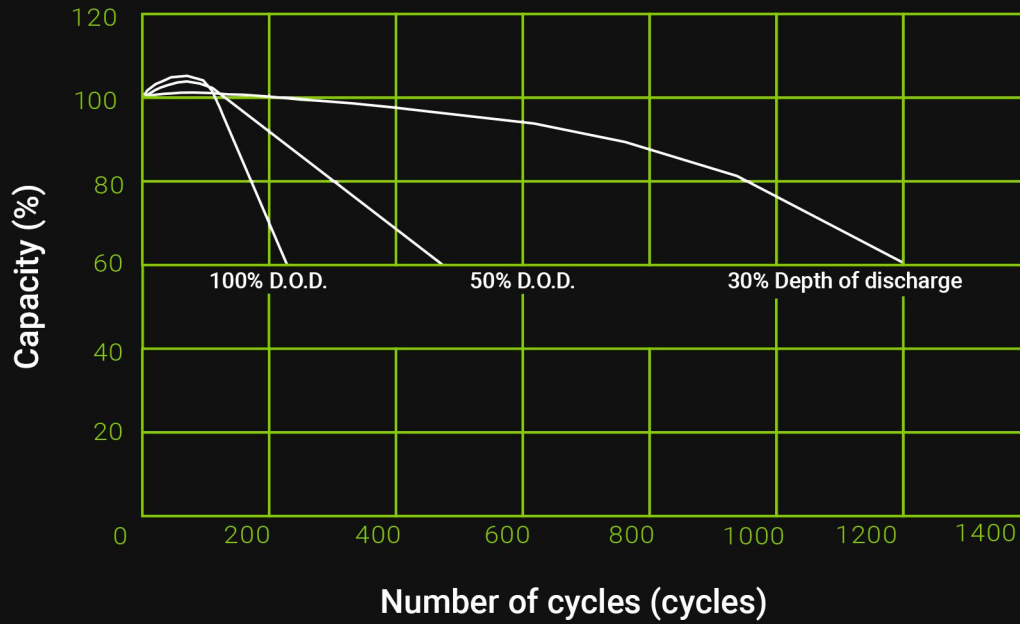


Electrical Specification:

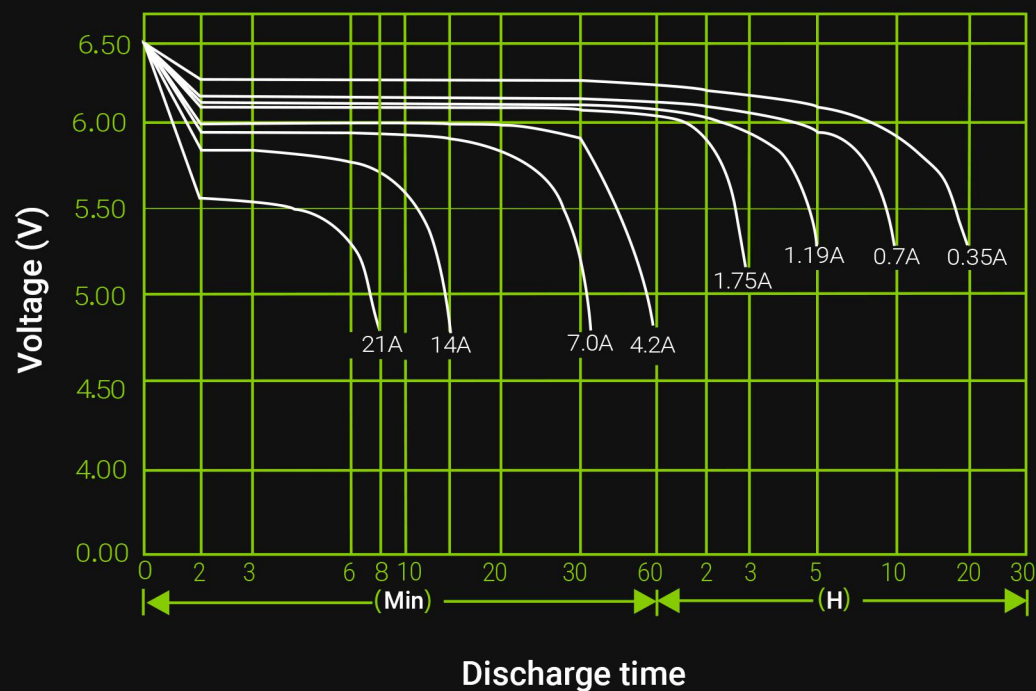
Capacity 25°C (77°F)	20hour rate(0.35A)	7.0Ah
	27min rate(7.0A)	3.15Ah
	7min rate(21.0A)	2.45Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	20mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 2.1A 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):



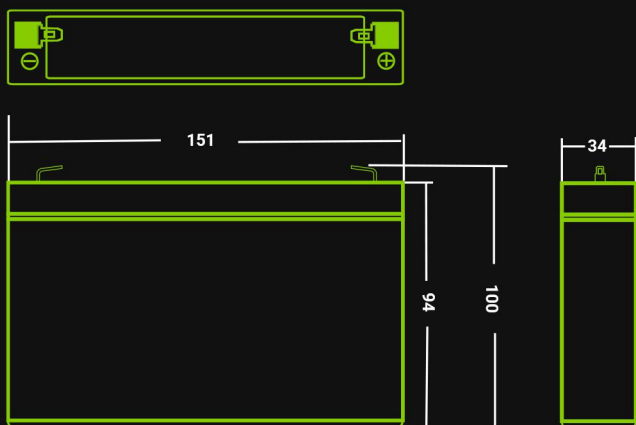
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
4.80V	A	27.02	17.09	13.53	7.50	4.62	2.53	1.83	1.46	1.24	0.67	0.36
	W	150.83	96.27	76.88	42.97	26.71	14.71	10.71	8.63	7.36	3.97	2.16
4.95V	A	26.18	16.57	13.18	7.31	4.52	2.50	1.80	1.44	1.23	0.66	0.36
	W	146.19	93.35	74.92	41.90	26.11	14.55	10.55	8.51	7.28	3.96	2.15
5.10V	A	24.99	15.83	12.69	7.12	4.41	2.47	1.77	1.42	1.21	0.66	0.36
	W	139.59	89.24	72.16	40.83	25.52	14.40	10.39	8.39	7.20	3.95	2.14
5.25V	A	23.80	15.10	12.20	6.93	4.31	2.43	1.76	1.41	1.20	0.66	0.35
	W	132.99	85.13	69.40	39.76	24.92	14.16	10.31	8.31	7.12	3.94	2.09
5.40V	A	22.50	14.21	11.50	6.67	4.18	2.37	1.71	1.37	1.16	0.64	0.34
	W	125.76	80.14	65.44	38.29	24.20	13.83	10.03	8.11	6.87	3.82	2.05

Physical specification:

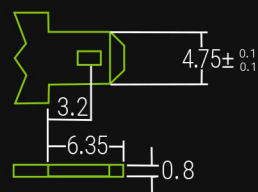
Nominal Voltage		6V
Nominal Capacity(20HR)		7.0AH
Dimensions	Length	151±1 mm (5.95 inches)
	Width	34±1 mm (1.34 inches)
	Container Height	94±2 mm (3.70 inches)
	Total Height	100±2 mm (3.94 inches)
Weight		Approx 1.02 kg (2.224 lbs)
Standard terminal		F1/F2

Dimensions (mm):

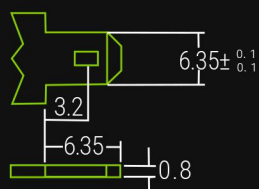


Terminal type:

Standard Terminal
F1 (Fasten Tab No.187A)



Standard Terminal
F2 (Fasten Tab No.250A)



(in mm)