

GC AGM43

Product card

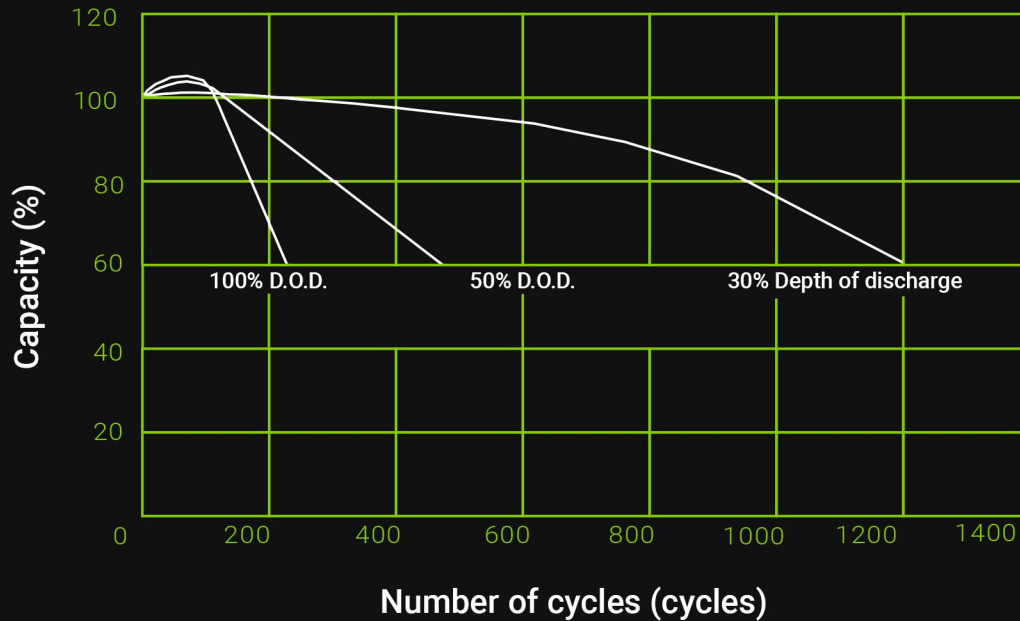


Electrical Specification:

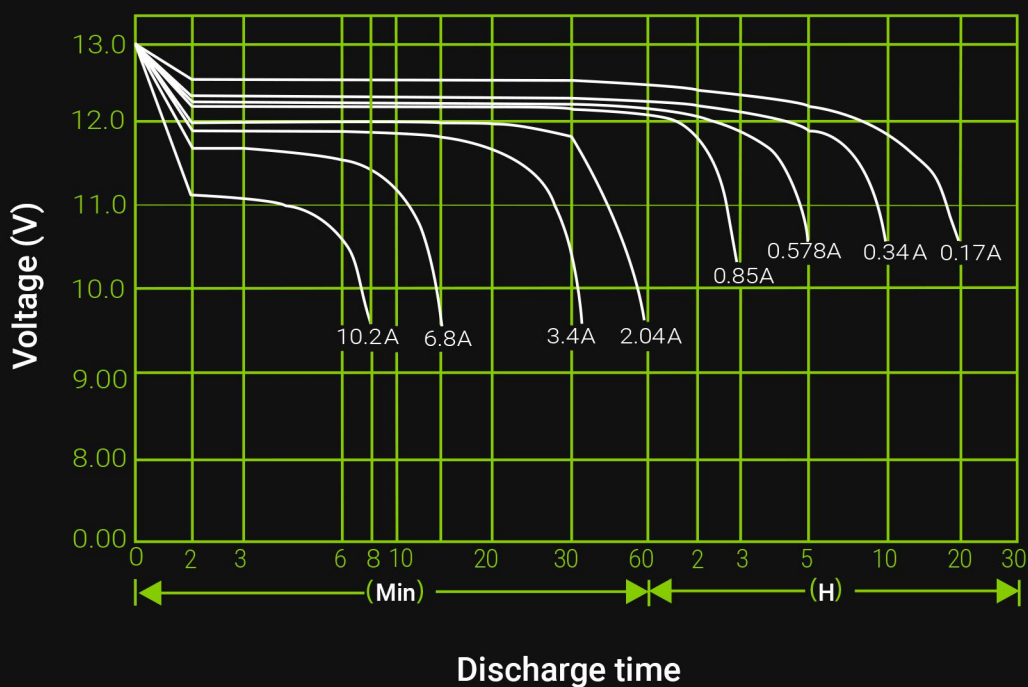
Capacity 25°C (77°F)	20hour rate(0.17A)	3.40Ah
	27min rate(3.4A)	1.53Ah
	7min rate(10.2A)	1.19Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	50mΩ
Self-Discharge at 25°C (77°F)	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 1.02A 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):



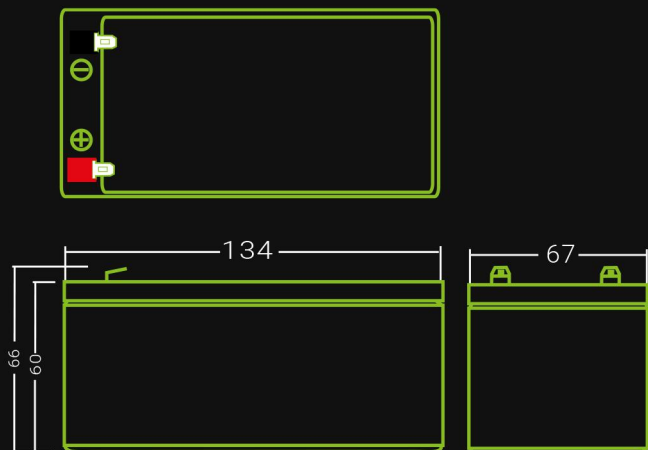
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	13.12	8.30	6.57	3.64	2.24	1.23	0.89	0.71	0.60	0.32	0.18
	W	146.52	93.52	74.69	41.75	25.95	14.29	10.40	8.39	7.15	3.86	2.10
9.90V	A	12.72	8.05	6.40	3.55	2.19	1.21	0.87	0.70	0.60	0.32	0.17
	W	142.01	90.68	72.78	40.71	25.37	14.14	10.25	8.27	7.07	3.84	2.09
10.20V	A	12.14	7.69	6.16	3.46	2.14	1.20	0.86	0.69	0.59	0.32	0.17
	W	135.61	86.69	70.10	39.67	24.79	13.98	10.09	8.15	6.99	3.83	2.08
10.50V	A	11.56	7.33	5.93	3.37	2.09	1.18	0.85	0.68	0.58	0.32	0.17
	W	129.19	82.70	67.42	38.63	24.21	13.75	10.02	8.08	6.92	3.82	2.03
10.80V	A	10.93	6.90	5.59	3.24	2.03	1.15	0.83	0.67	0.56	0.31	0.17
	W	122.17	77.85	63.57	37.20	23.51	13.44	9.74	7.88	6.68	3.71	1.99

Physical specification:

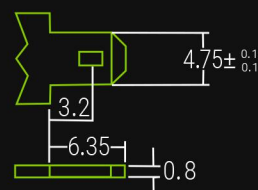
Nominal Voltage		12V
Nominal Capacity(20HR)		3.4AH
Dimensions	Length	134±1 mm (5.28inches)
	Width	67±1 mm (2.64 inches)
	Container Height	60±2 mm (2.36 inches)
	Total Height	66±2 mm (2.60 inches)
Weight		Approx 1.32kg (2.904 lbs)
Standard terminal		F1

Dimensions (mm):



Terminal type:

Standard Terminal
F1 (Fasten Tab No.187)



(in mm)