

GC AGM54

Product card

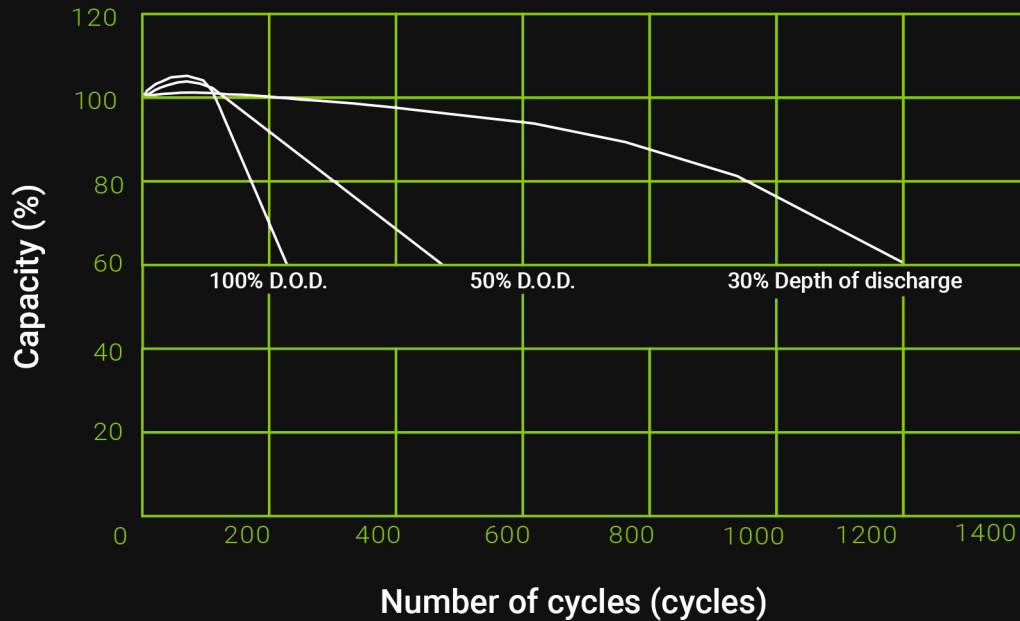


Electrical Specification:

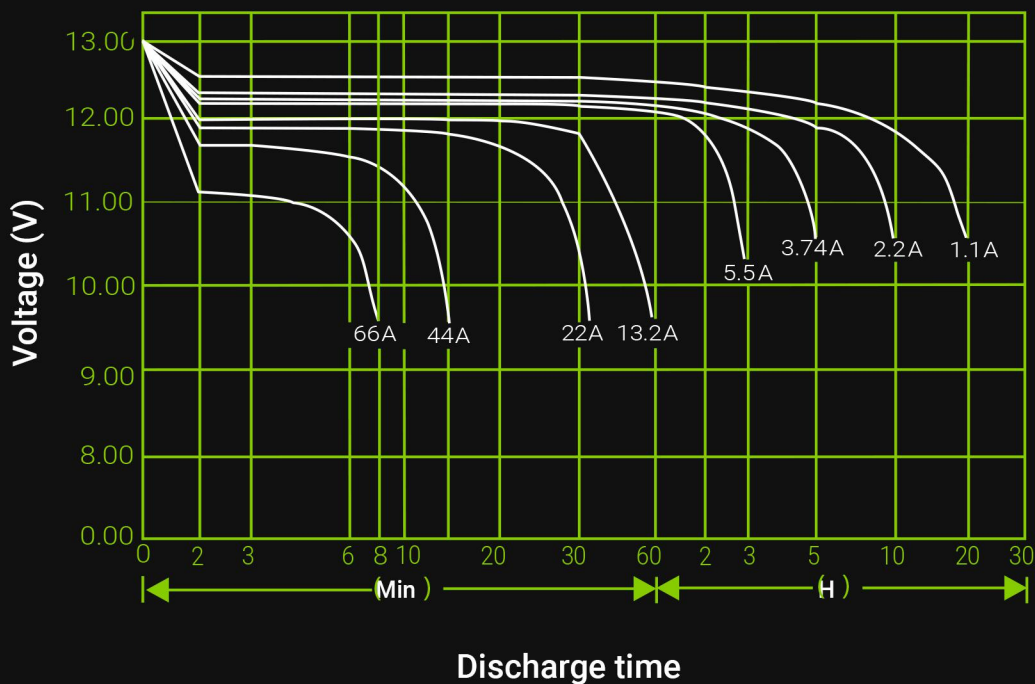
Capacity 25°C (77°F)	20hour rate(1.1A)	22.0Ah
	27min rate(22A)	9.9Ah
	7min rate(66A)	7.7Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	18mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 6.6A 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):



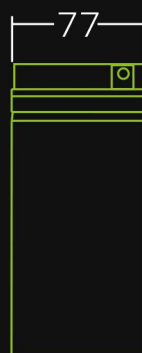
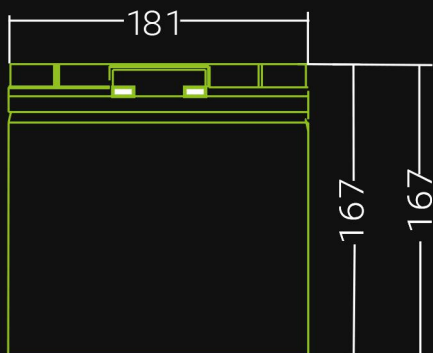
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	84.92	53.72	42.53	23.56	14.52	7.94	5.74	4.60	3.89	2.09	1.14
	W	948.05	605.15	483.27	270.11	167.91	92.48	67.32	54.27	46.28	24.96	13.56
9.90V	A	82.28	52.07	41.43	22.97	14.19	7.85	5.65	4.53	3.85	2.09	1.13
	W	918.90	586.77	470.93	263.40	164.15	91.48	66.31	53.51	45.77	24.88	13.51
10.20V	A	78.54	49.76	39.89	22.37	13.86	7.77	5.57	4.47	3.81	2.08	1.13
	W	877.45	560.94	453.58	256.67	160.39	90.49	65.30	52.75	45.26	24.81	13.46
10.50V	A	74.80	47.45	38.35	21.78	13.53	7.63	5.52	4.42	3.76	2.07	1.10
	W	835.96	535.09	436.22	249.95	156.62	88.98	64.81	52.25	44.75	24.74	13.15
10.80V	A	70.71	44.66	36.15	20.97	13.13	7.46	5.37	4.31	3.63	2.01	1.08
	W	790.52	503.76	411.34	240.69	152.09	86.96	63.02	50.97	43.20	24.01	12.89

Physical specification:

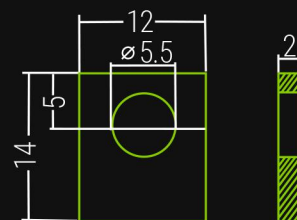
Nominal Voltage		12V
Nominal Capacity(20HR)		22AH
Dimensions	Length	181±1 mm (7.12 inches)
	Width	77±1 mm (3.03 inches)
	Container Height	167±2 mm (6.57 inches)
	Total Height	167±2 mm (6.57inches)
Weight		Approx 5.6kg (12.32 lbs)
Standard terminal		F3

Dimensions (mm):



Terminal type:

Standard Terminal (F4)



(in mm)