

GC AGM53

Product card

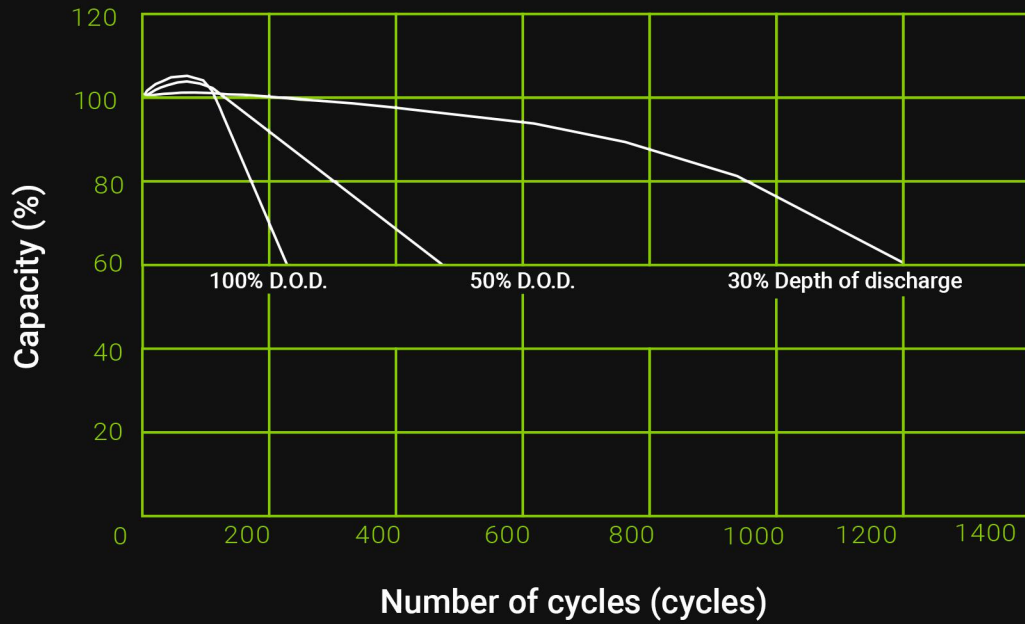


Electrical Specification:

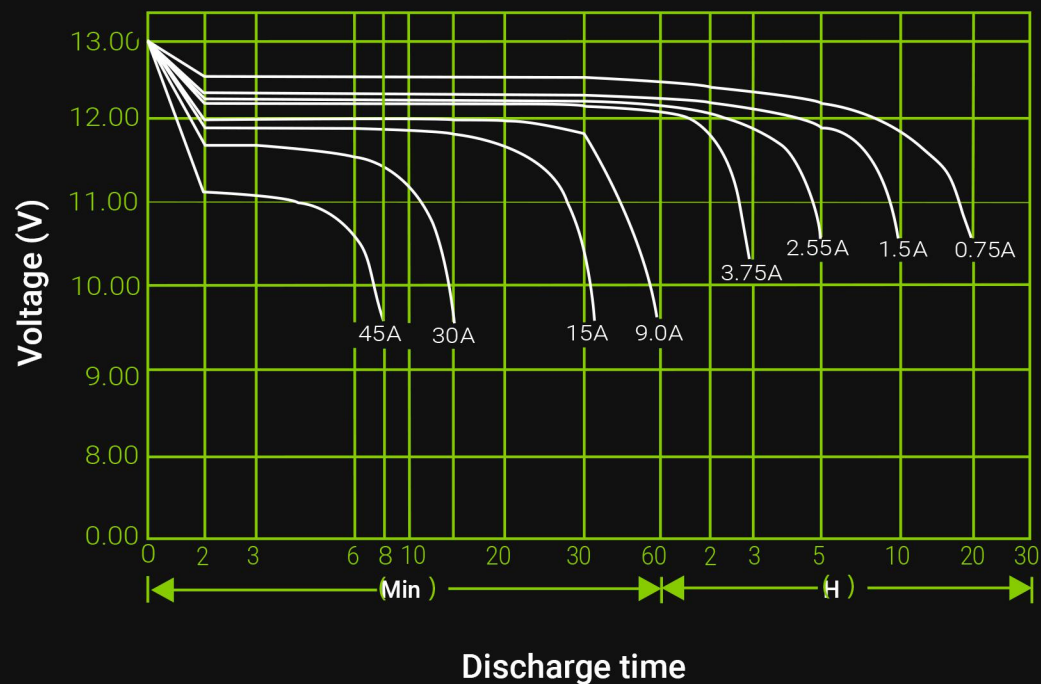
Capacity 25°C (77°F)	20hour rate(0.75A)	15.0Ah
	27min rate(15A)	6.75Ah
	7min rate(45A)	5.25Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	24mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 4.5A 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):



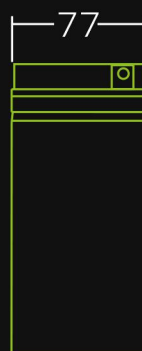
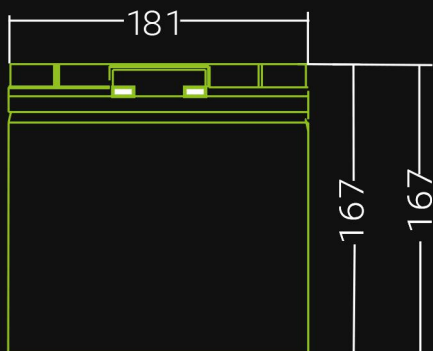
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	57.90	36.63	29.00	16.07	9.90	5.42	3.92	3.14	2.66	1.43	0.77
	W	646.40	412.60	329.50	184.17	114.48	63.05	45.90	37.01	31.55	17.02	9.25
9.90V	A	56.10	35.51	28.25	15.66	9.68	5.36	3.86	3.09	2.63	1.42	0.77
	W	626.52	400.07	321.09	179.59	111.92	62.38	45.21	36.49	31.21	16.96	9.21
10.20V	A	53.55	33.93	27.20	15.26	9.45	5.30	3.80	3.05	2.60	1.42	0.77
	W	598.26	382.46	309.26	175.01	109.36	61.70	44.52	35.97	30.86	16.91	9.18
10.50V	A	51.00	32.36	26.15	14.85	9.23	5.21	3.77	3.02	2.57	1.41	0.75
	W	569.98	364.83	297.43	170.42	106.79	60.67	44.19	35.63	30.51	16.87	8.97
10.80V	A	48.21	30.45	24.65	14.30	8.96	5.09	3.66	2.94	2.48	1.37	0.74
	W	538.99	343.48	280.46	164.11	103.70	59.29	42.97	34.75	29.45	16.37	8.79

Physical specification:

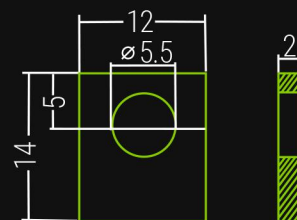
Nominal Voltage		12V
Nominal Capacity(20HR)		15AH
Dimensions	Length	181±1 mm (7.12 inches)
	Width	77±1 mm (3.03 inches)
	Container Height	167±2 mm (6.57 inches)
	Total Height	167±2 mm (6.57inches)
Weight		Approx 4.50kg (9.9 lbs)
Standard terminal		F3

Dimensions (mm):



Terminal type:

Standard Terminal (F4)



(in mm)