

Green Cell

GC AGM51

Product card

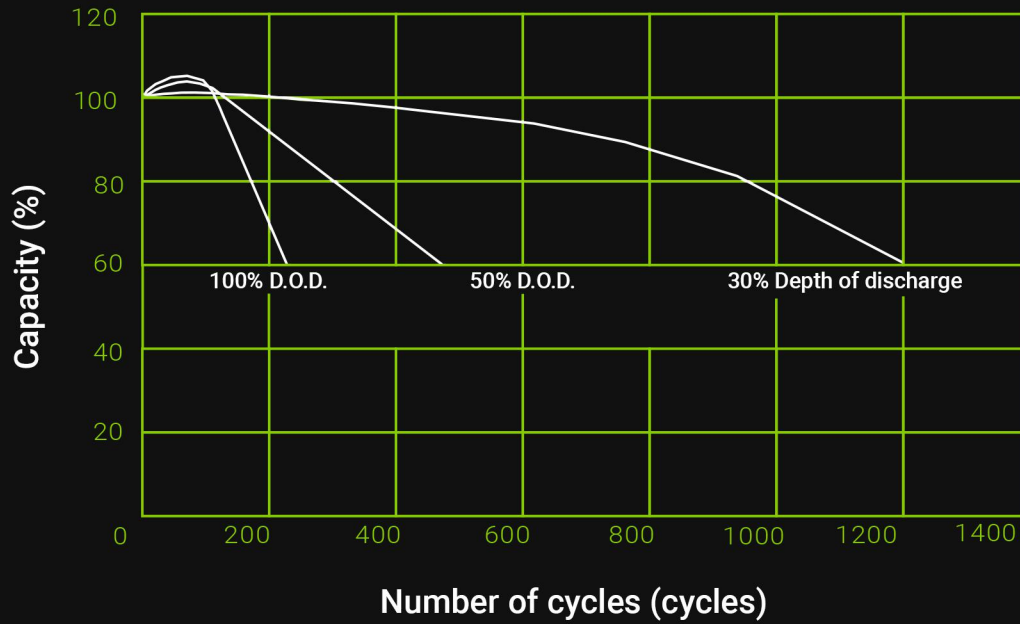


Electrical Specification:

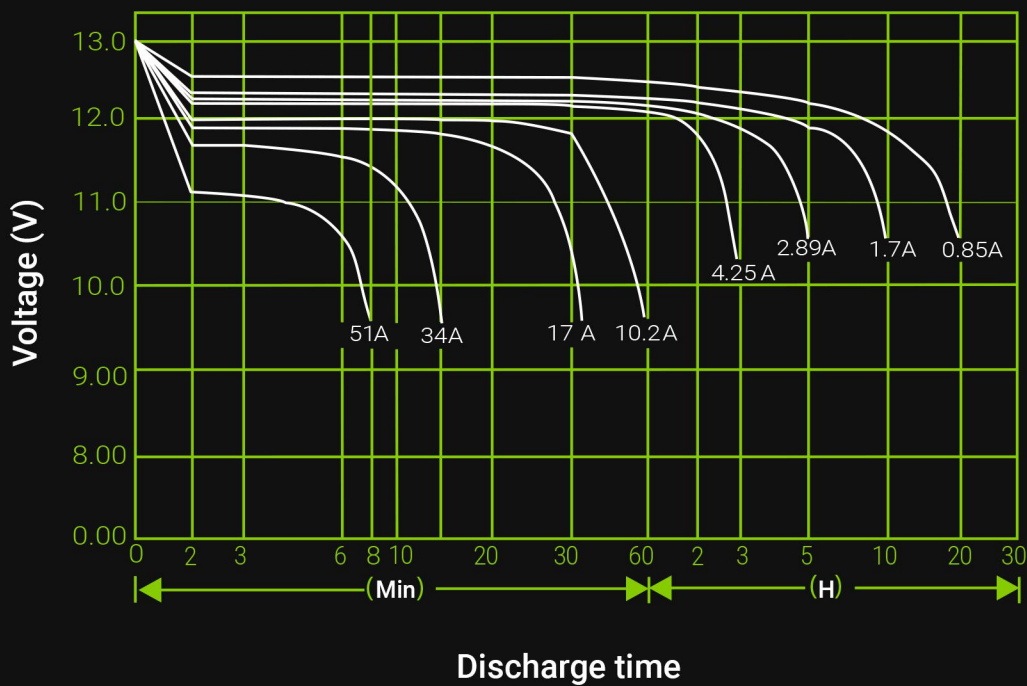
Capacity 25°C (77°F)	20hour rate(0.85A)	17.0Ah
	27min rate(17A)	7.65Ah
	7min rate(51A)	5.95Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	20mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 5.1A 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):



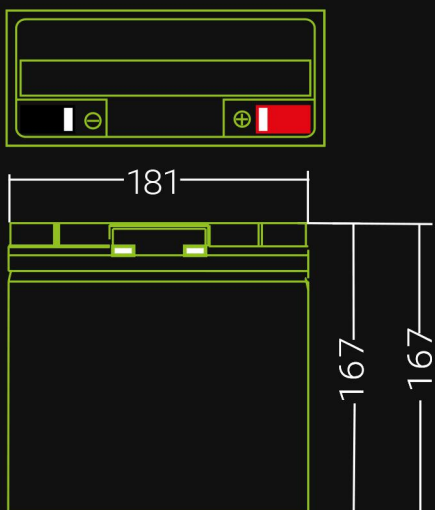
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	65.62	41.51	32.86	18.21	11.22	6.14	4.44	3.55	3.01	1.62	0.88
	W	732.58	467.61	373.43	208.73	129.75	71.46	52.02	41.94	35.76	19.29	10.48
9.90V	A	63.58	40.24	32.01	17.75	10.97	6.07	4.37	3.50	2.98	1.61	0.87
	W	710.06	453.41	363.90	203.53	126.84	70.69	51.24	41.35	35.37	19.22	10.44
10.20V	A	60.69	38.45	30.82	17.29	10.71	6.00	4.30	3.45	2.94	1.61	0.87
	W	678.03	433.45	350.50	198.34	123.94	69.92	50.46	40.76	34.97	19.17	10.40
10.50V	A	57.80	36.67	29.63	16.83	10.46	5.90	4.27	3.42	2.91	1.60	0.85
	W	645.97	413.48	337.08	193.14	121.03	68.76	50.08	40.38	34.58	19.11	10.16
10.80V	A	54.64	34.51	27.93	16.20	10.15	5.76	4.15	3.33	2.81	1.55	0.83
	W	610.85	389.27	317.85	185.99	117.53	67.20	48.70	39.38	33.38	18.55	9.96

Physical specification:

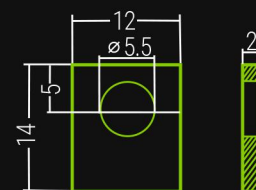
Nominal Voltage		12V
Nominal Capacity(20HR)		17AH
Dimensions	Length	181±1 mm (7.12 inches)
	Width	77±1 mm (3.03 inches)
	Container Height	167±2 mm (6.57 inches)
	Total Height	167±2 mm (6.57inches)
Weight		Approx 4.8kg (10.56 lbs)
Standard terminal		F3

Dimensions (mm):



Terminal type:

Standard Terminal F3



(in mm)