

**Green Cell**

# GC AGM19

## Product card

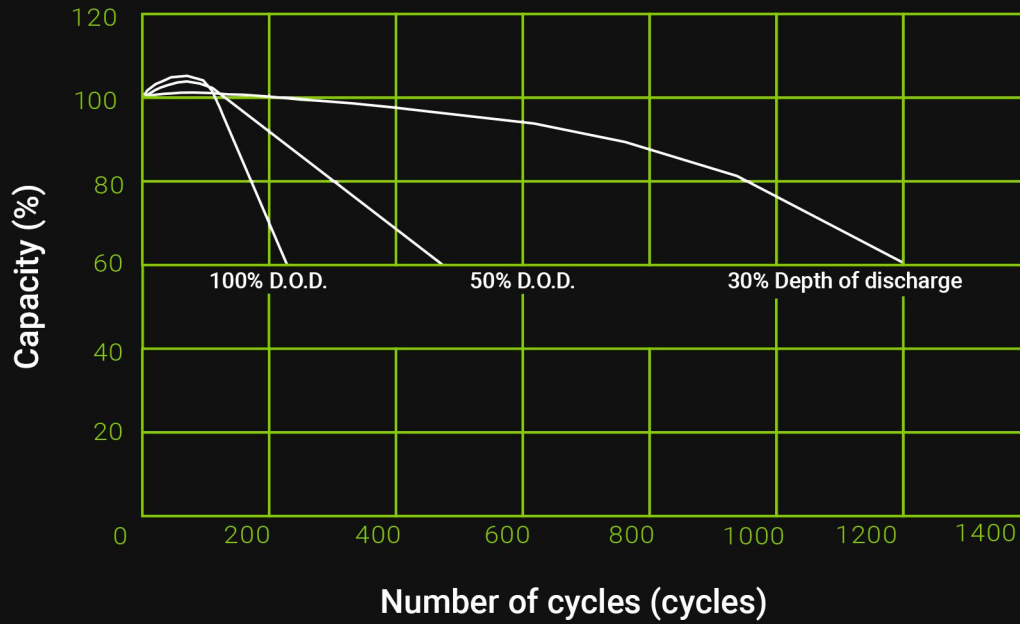


### Electrical Specification:

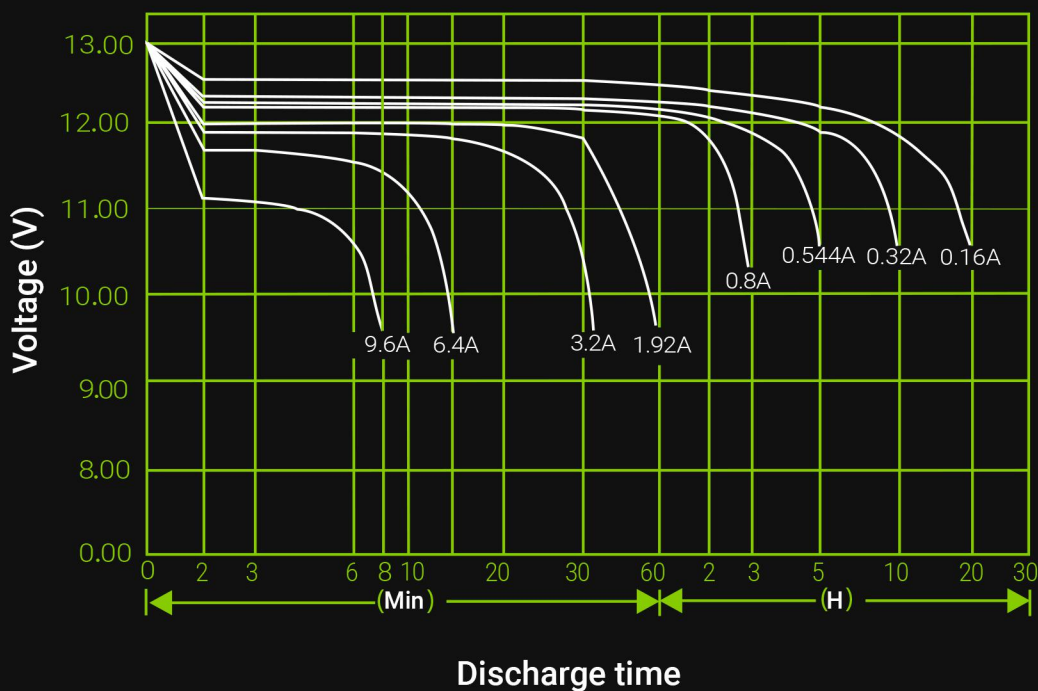
Capacity 25°C (77°F)	20hour rate(0.16A)	3.20Ah
	27min rate(3.2A)	1.44Ah
	7min rate(9.6A)	1.12Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	50mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 0.96A 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):**



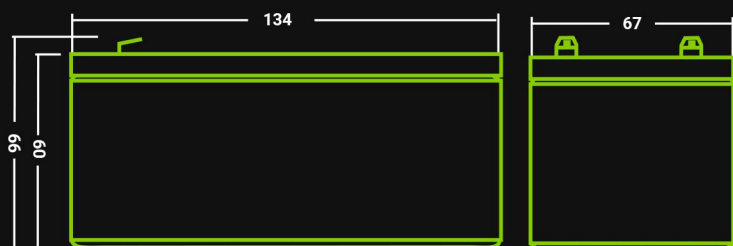
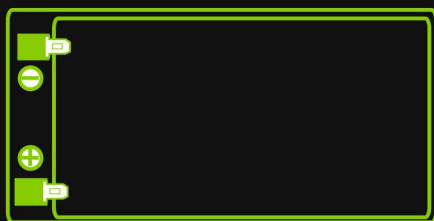
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	12.35	7.81	6.19	3.43	2.11	1.16	0.84	0.67	0.57	0.30	0.17
	W	137.90	88.02	70.29	39.29	24.42	13.45	9.79	7.89	6.73	3.63	1.97
9.90V	A	11.97	7.57	6.03	3.34	2.06	1.14	0.82	0.66	0.56	0.30	0.16
	W	133.66	85.35	68.50	38.31	23.88	13.31	9.65	7.78	6.66	3.62	1.97
10.20V	A	11.42	7.24	5.80	3.25	2.02	1.13	0.81	0.65	0.55	0.30	0.16
	W	127.63	81.59	65.98	37.33	23.33	13.16	9.50	7.67	6.58	3.61	1.96
10.50V	A	10.88	6.90	5.58	3.17	1.97	1.11	0.80	0.64	0.55	0.30	0.16
	W	121.59	77.83	63.45	36.36	22.78	12.94	9.43	7.60	6.51	3.60	1.91
10.80V	A	10.28	6.50	5.26	3.05	1.91	1.08	0.78	0.63	0.53	0.29	0.16
	W	114.98	73.27	59.83	35.01	22.12	12.65	9.17	7.41	6.28	3.49	1.88

### Physical specification:

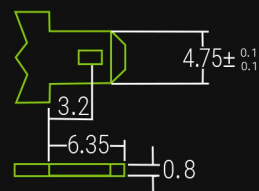
Nominal Voltage		12V
Nominal Capacity(20HR)		3.3AH
Dimensions	Length	134±1 mm (5.28 inches)
	Width	67±1 mm (2.64 inches)
	Container Height	60±2 mm (2.36 inches)
	Total Height	66±2 mm (2.60 inches)
Weight		Approx 1.30 kg (2.86 lbs)
Standard terminal		F1

### Dimensions (mm):



### Terminal type:

Standard Terminal  
F1 (Fasten Tab No.187)



(in mm)