

**Green Cell**

# GC AGM27

## Product card

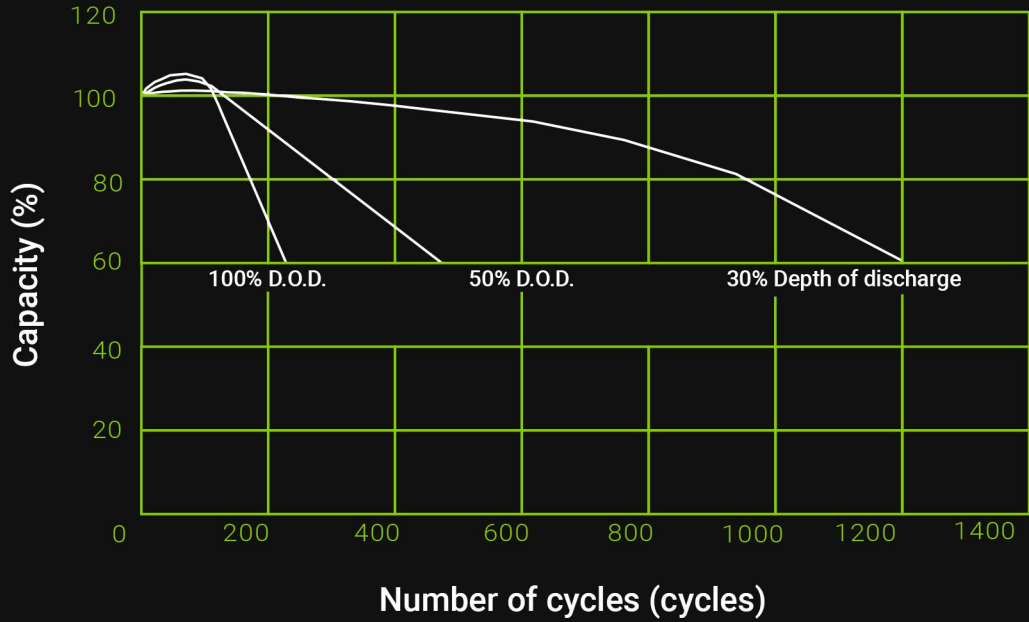


### Electrical Specification:

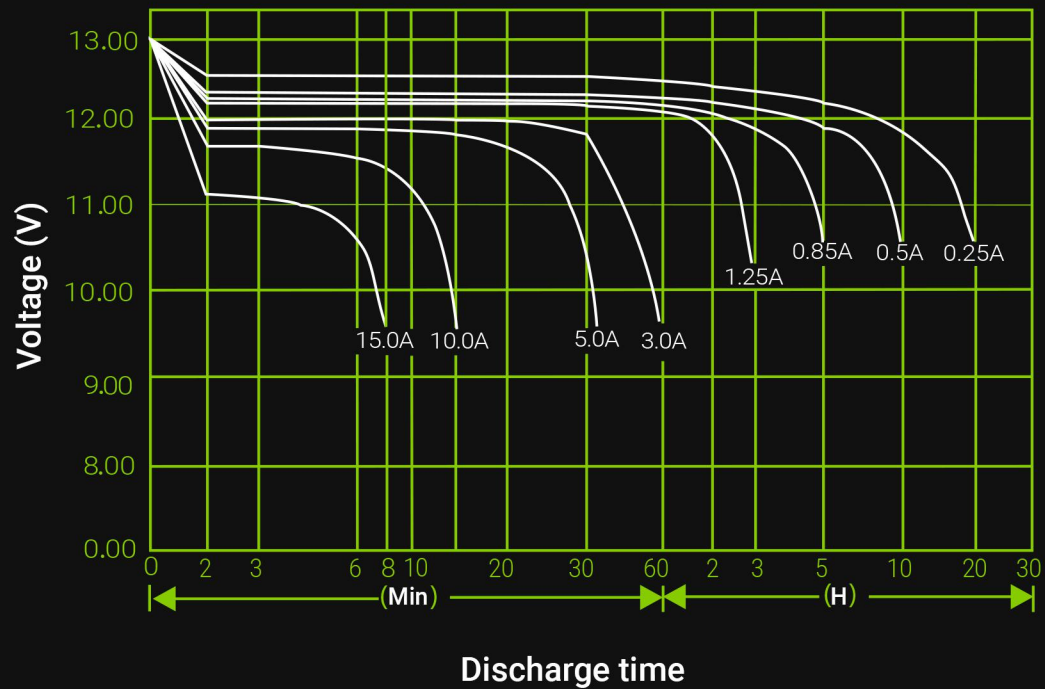
Capacity 25°C (77°F)	20hour rate(0.25A)	5.0Ah
	27min rate(5.0A)	3.0Ah
	7min rate(15.0A)	1.75Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	40mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 1.5A 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):**



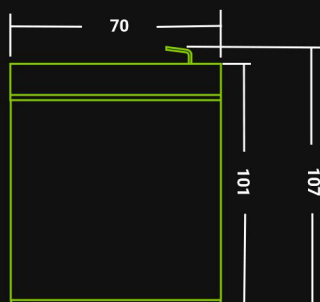
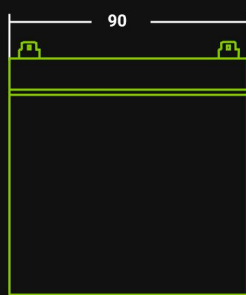
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	19.30	12.21	9.67	5.36	3.30	1.81	1.31	1.05	0.89	0.48	0.26
	W	215.47	137.53	109.83	61.39	38.16	21.02	15.30	12.34	10.52	5.67	3.08
9.90V	A	18.70	11.84	9.42	5.22	3.23	1.79	1.29	1.03	0.88	0.47	0.26
	W	208.84	133.36	107.03	59.86	37.31	20.79	15.07	12.16	10.40	5.65	3.07
10.20V	A	17.85	11.31	9.07	5.09	3.15	1.77	1.27	1.02	0.87	0.47	0.26
	W	199.42	127.49	103.09	58.34	36.45	20.57	14.84	11.99	10.29	5.64	3.06
10.50V	A	17.00	10.79	8.72	4.95	3.08	1.74	1.26	1.01	0.86	0.47	0.25
	W	189.99	121.61	99.14	56.81	35.60	20.22	14.73	11.88	10.17	5.62	2.99
10.80V	A	16.07	10.15	8.22	4.77	2.99	1.70	1.22	0.98	0.83	0.46	0.25
	W	179.66	114.49	93.49	54.70	34.57	19.76	14.32	11.58	9.82	5.46	2.93

### Physical specification:

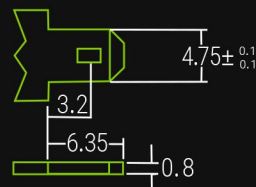
Nominal Voltage		12V
Nominal Capacity(20HR)		5.0AH
Dimensions	Length	90±1 mm (3.54 inches)
	Width	70±1 mm (2.76 inches)
	Container Height	101±2 mm (3.98 inches)
	Total Height	107±2 mm (4.21 inches)
Weight		Approx 1.5 kg (3.3 lbs)
Standard terminal		F1/F2

### Dimensions (mm):

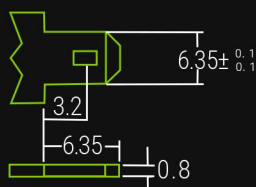


### Terminal type:

Standard Terminal  
F1 (Fasten Tab No.187A)



Standard Terminal  
F2 (Fasten Tab No.250A)



(in mm)