

**Green Cell**

# GC AGM49

## Product card

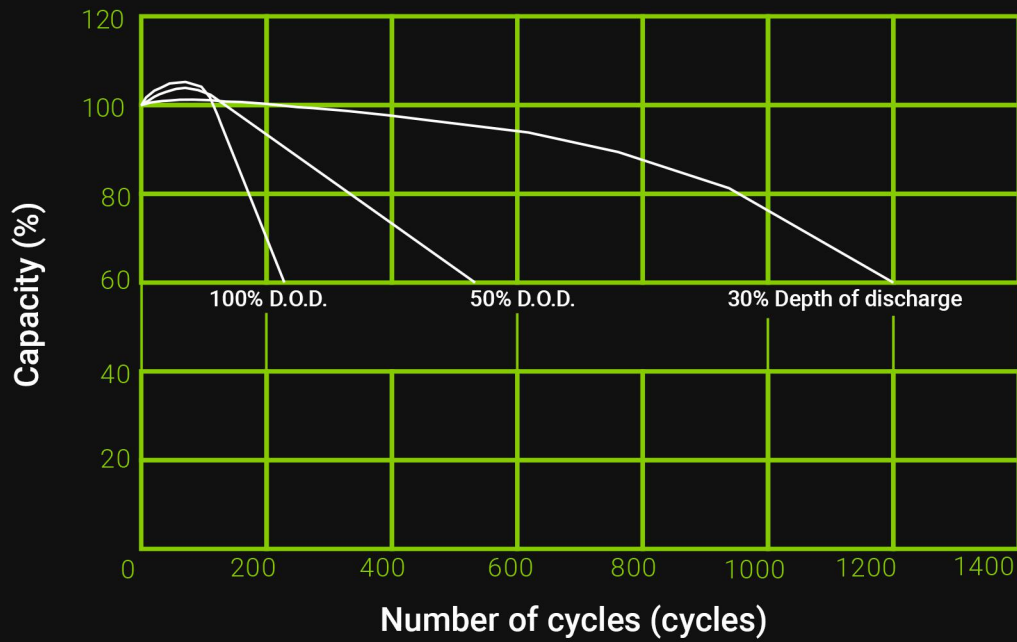


### Electrical Specification:

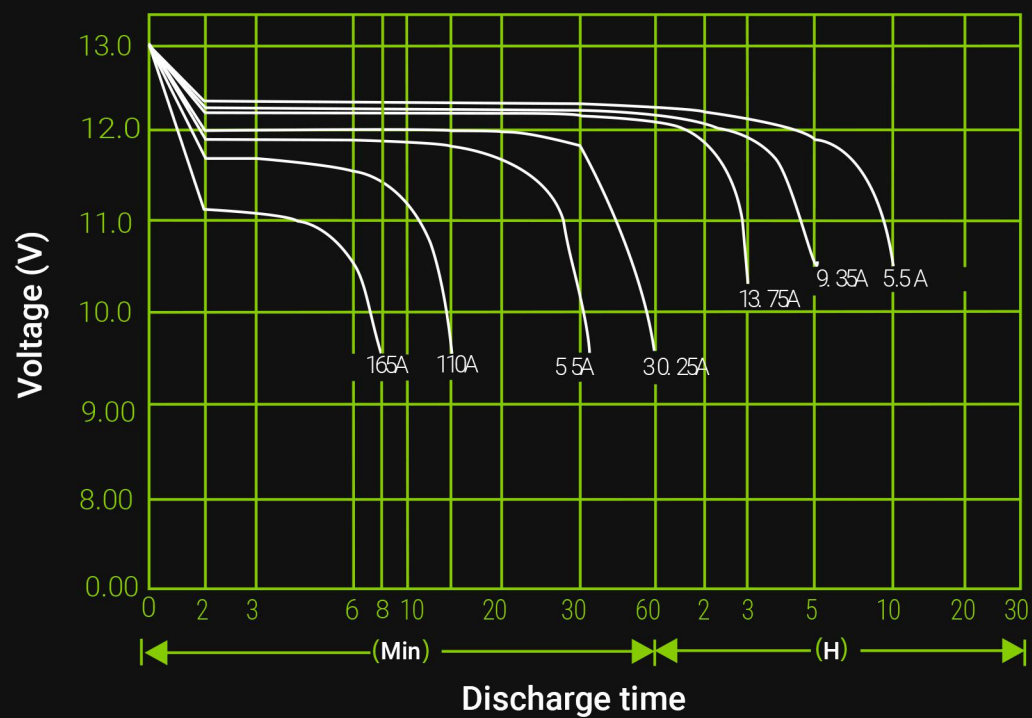
Capacity 25°C (77°F)	10hour rate(5.5A)	55.0Ah
	5hour rate(9.35A)	46.75Ah
	1hour rate(30.25A)	33.0Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	10mΩ
Self-Discharge at 25°C (77°F)	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 13.75A 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):**



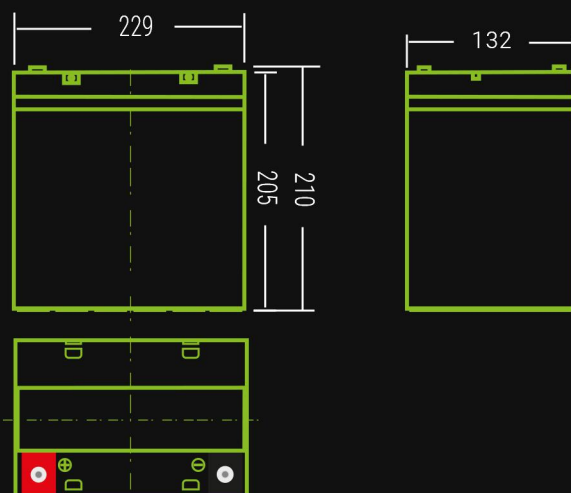
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	116	91	55.0	34.1	20.1	14.0	11.5	9.8	6.7	5.6	2.9
	W	1235	992	613	387	231	164	135	115	80	66.3	35.2
9.90V	A	112.2	88.6	53.9	33.6	20.0	14.0	11.4	9.7	6.7	5.6	2.9
	W	1204	971	603	382	230	163	135	115	80	66.5	35.1
10.20V	A	107	85	52.3	32.7	19.8	13.9	11.3	9.7	6.7	5.6	2.9
	W	1155	939	587	373	229	162	133	115	79	66.0	35.1
10.50V	A	103	83	51.0	31.9	19.5	13.8	11.3	9.6	6.6	5.6	2.9
	W	1111	912	575	365	226	161	133	114	78	66.0	34.9
10.80V	A	97	78	49.1	31.1	19.0	13.4	10.9	9.4	6.4	5.5	2.9
	W	1048	866	555	357	221	157	129	111	76	65.5	34.7

### Physical specification:

Nominal Voltage		12V
Nominal Capacity(10HR)		55AH
Dimensions	Length	229±1 mm (9.02 inches)
	Width	132±1 mm (5.20 inches)
	Container Height	205±2 mm (8.07 inches)
	Total Height	210±2 mm (8.27 inches)
Weight		Approx 16 kg (35.2 lbs)
Standard terminal		T1

### Dimensions (mm):



### Terminal type:

Standard Terminal T1



(in mm)