

# GC AGM56

## Product card

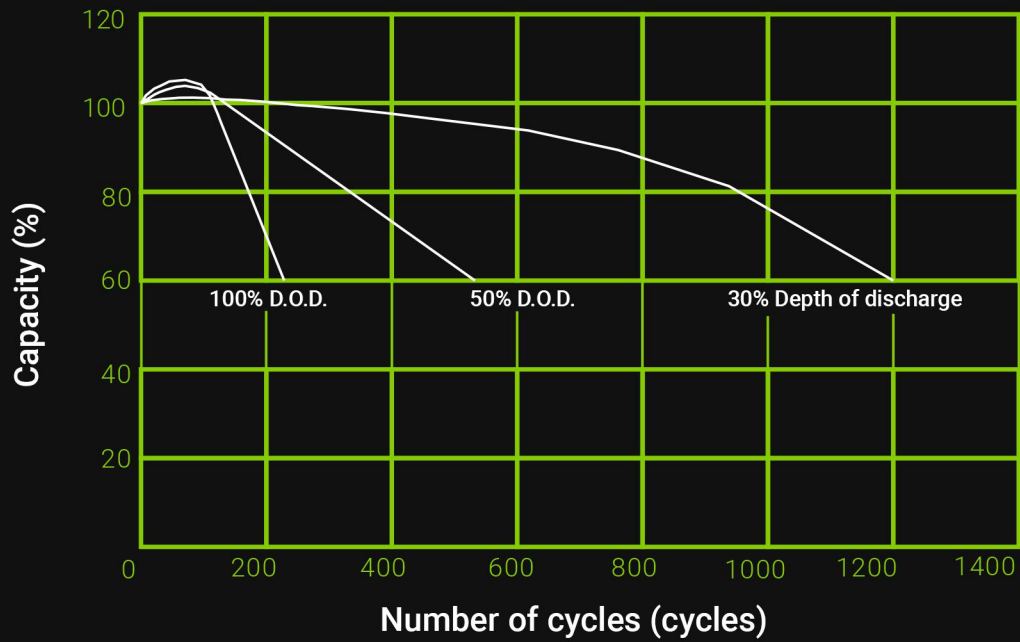


### Electrical Specification:

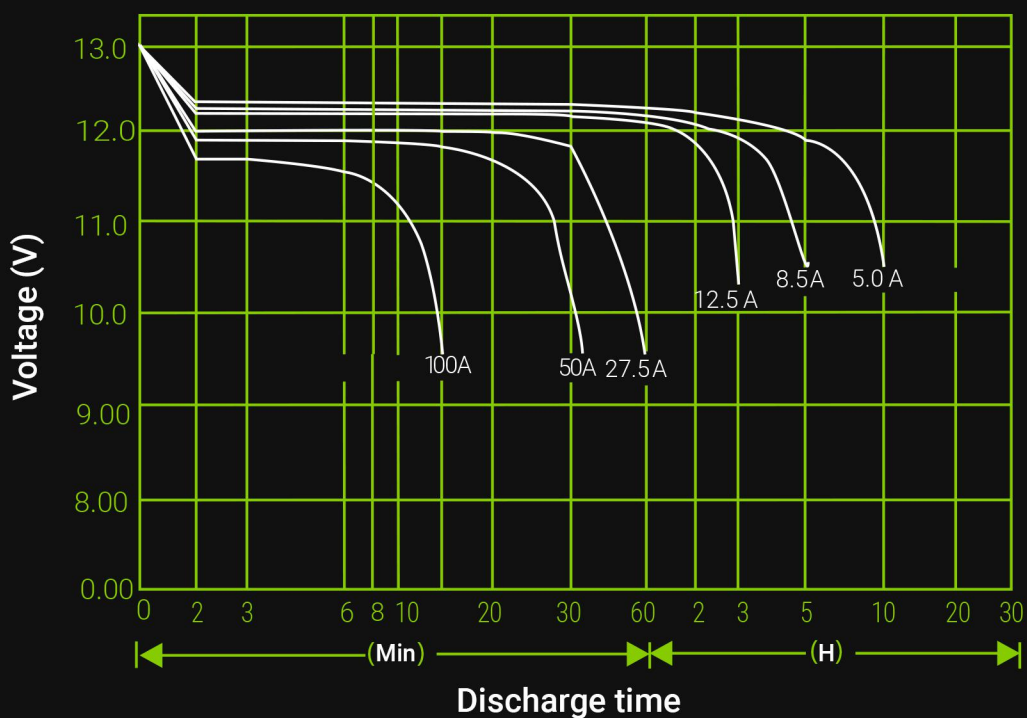
Capacity 25°C (77°F)	10hour rate(5.0A)	50.0Ah
	5hour rate(8.5A)	42.5Ah
	1hour rate(27.5A)	30.0Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	10mΩ
Self-Discharge at 25°C (77°F)	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 12.5A 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):**



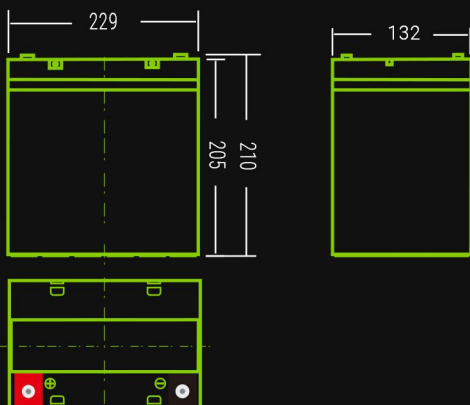
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	105	83	50.0	31.0	18.3	12.8	10.5	8.9	6.1	5.1	2.7
	W	1122	902	558	352	210	149	123	105	72	60.3	32.0
9.90V	A	102.0	80.5	49.0	30.6	18.2	12.7	10.4	8.9	6.1	5.1	2.7
	W	1094	883	548	347	209	148	122	105	72	60.5	31.9
10.20V	A	98	78	47.5	29.8	18.0	12.6	10.3	8.8	6.1	5.1	2.7
	W	1050	853	533	339	208	147	121	104	72	60.0	31.9
10.50V	A	94	75	46.4	29.0	17.8	12.5	10.3	8.8	6.0	5.1	2.6
	W	1010	829	522	332	206	147	121	104	71	60.0	31.7
10.80V	A	88	71	44.7	28.3	17.3	12.2	10.0	8.5	5.8	5.0	2.6
	W	953	787	505	325	201	143	118	101	69	59.5	31.5

### Physical specification:

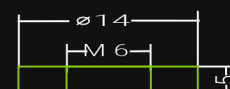
Nominal Voltage		12V
Nominal Capacity(10HR)		50AH
Dimensions	Length	229±1 mm (9.02 inches)
	Width	132±1 mm (5.20 inches)
	Container Height	205±2 mm (8.07 inches)
	Total Height	210±2 mm (8.27 inches)
Weight		Approx 16 kg (35.2 lbs)
Standard terminal		T1

### Dimensions (mm):



### Terminal type:

Standard Terminal T1



(in mm)