

# GC AGM36

## Product card

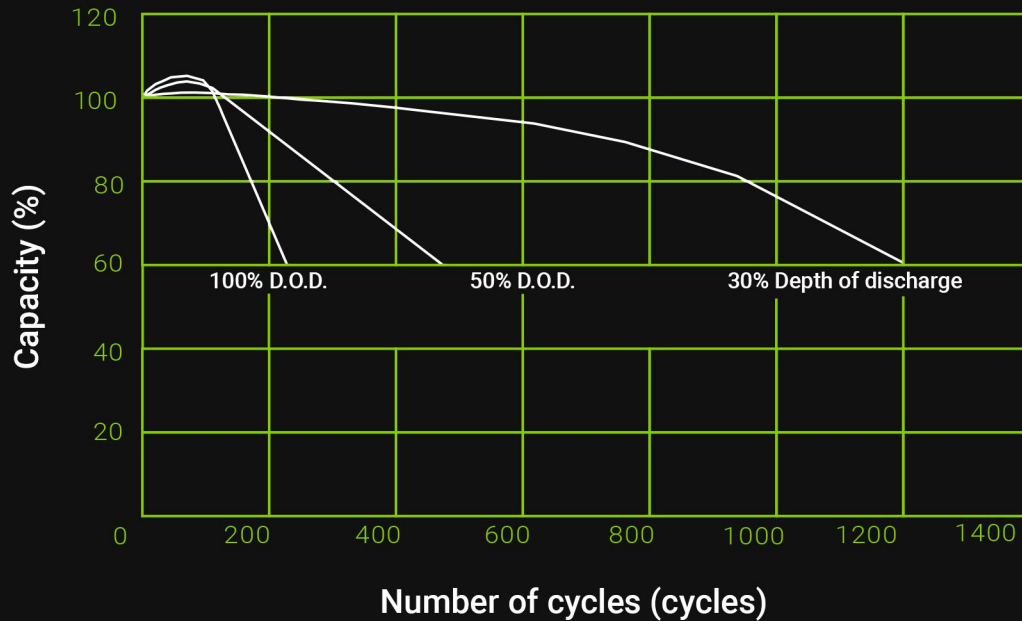


### Electrical Specification:

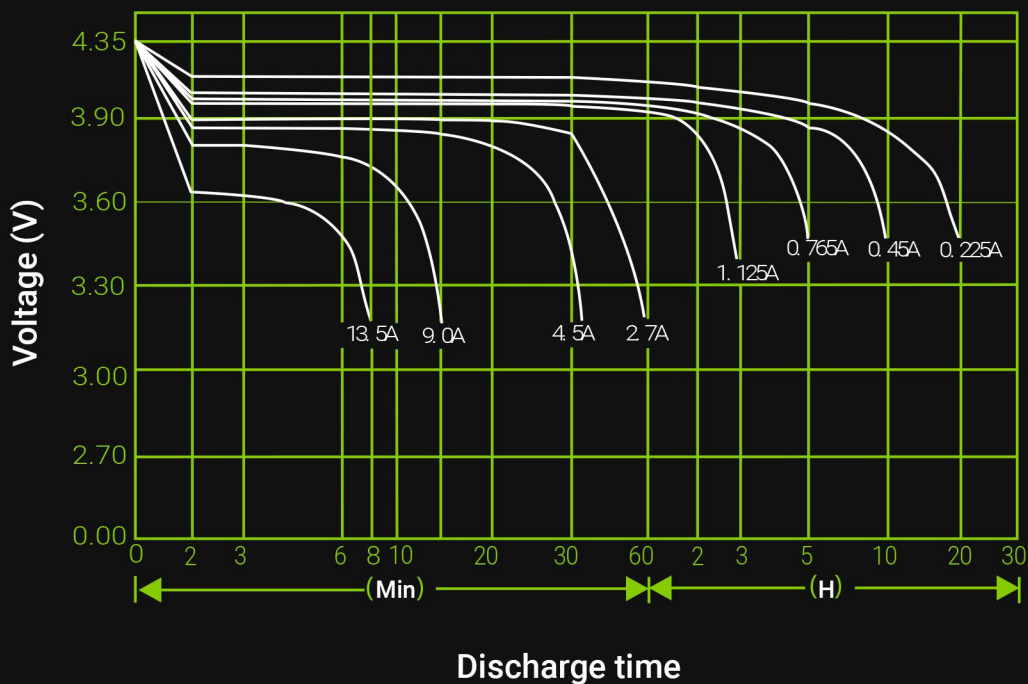
Capacity 25°C (77°F)	20hour rate(0.225A)	4.5Ah
	27min rate(4.5A)	2.03Ah
	7min rate(13.5A)	1.58Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	50mΩ
Self-Discharge at 25°C (77°F)	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 1.35A Voltage 4.80 - 4.95V
	Float	Voltage 4.50 - 4.60V

**Cycle service life in relation to depth of discharge:**



**Discharge Characteristics after fully charged (25°C, 77°F):**



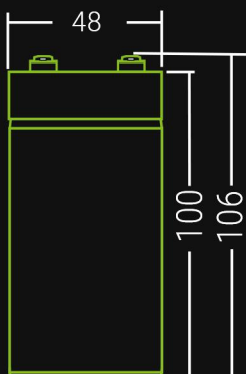
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
3.20V	A	17.37	10.99	8.70	4.82	2.97	1.62	1.17	0.94	0.80	0.43	0.23
	W	64.64	41.26	32.95	18.42	11.45	6.31	4.59	3.70	3.16	1.70	0.92
3.30V	A	16.83	10.65	8.47	4.70	2.90	1.61	1.16	0.93	0.79	0.43	0.23
	W	62.65	40.01	32.11	17.96	11.19	6.24	4.52	3.65	3.12	1.70	0.92
3.40V	A	16.07	10.18	8.16	4.58	2.84	1.59	1.14	0.91	0.78	0.43	0.23
	W	59.83	38.25	30.93	17.50	10.94	6.17	4.45	3.60	3.09	1.69	0.92
3.50V	A	15.30	9.71	7.84	4.46	2.77	1.56	1.13	0.90	0.77	0.42	0.23
	W	57.00	36.48	29.74	17.04	10.68	6.07	4.42	3.56	3.05	1.69	0.90
3.60V	A	14.46	9.14	7.39	4.29	2.69	1.53	1.10	0.88	0.74	0.41	0.22
	W	53.90	34.35	28.05	16.41	10.37	5.93	4.30	3.48	2.95	1.64	0.88

### Physical specification:

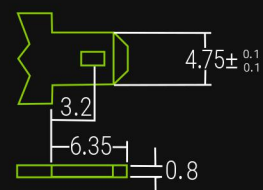
Nominal Voltage		4V
Nominal Capacity(20HR)		4.5AH
Dimensions	Length	48±1 mm (1.89 inches)
	Width	48±1 mm (1.89 inches)
	Container Height	100±2 mm (3.94 inches)
	Total Height	106±2 mm (4.17 inches)
Weight		Approx 0.48kg (1.06 lbs)
Standard terminal		F1

### Dimensions (mm):



### Terminal type:

Standard Terminal  
F1 (Fasten Tab No.187)



(in mm)