

# GC AGM22

## Product card

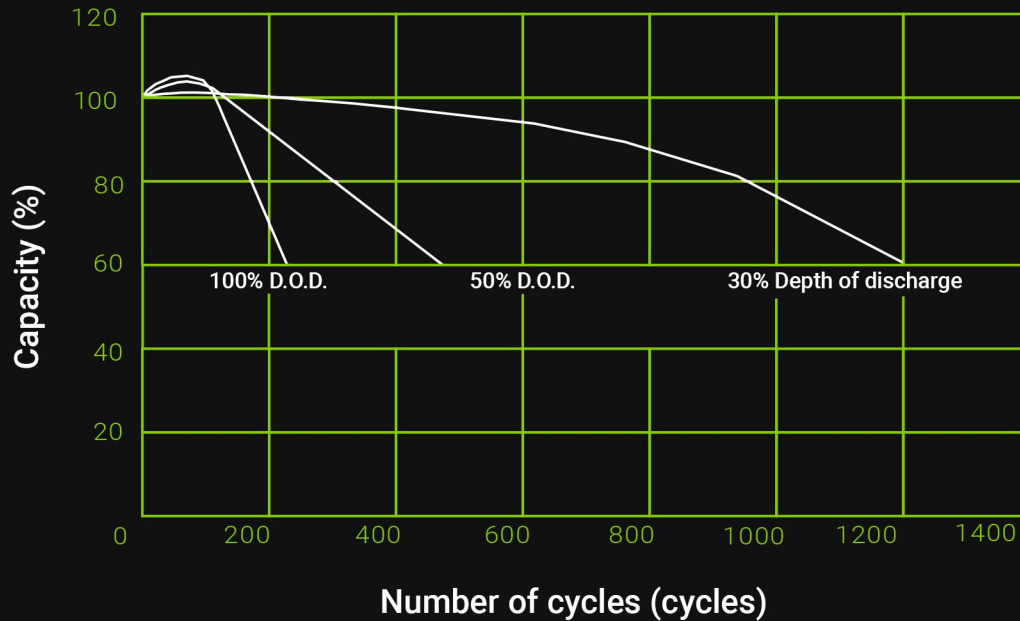


### Electrical Specification:

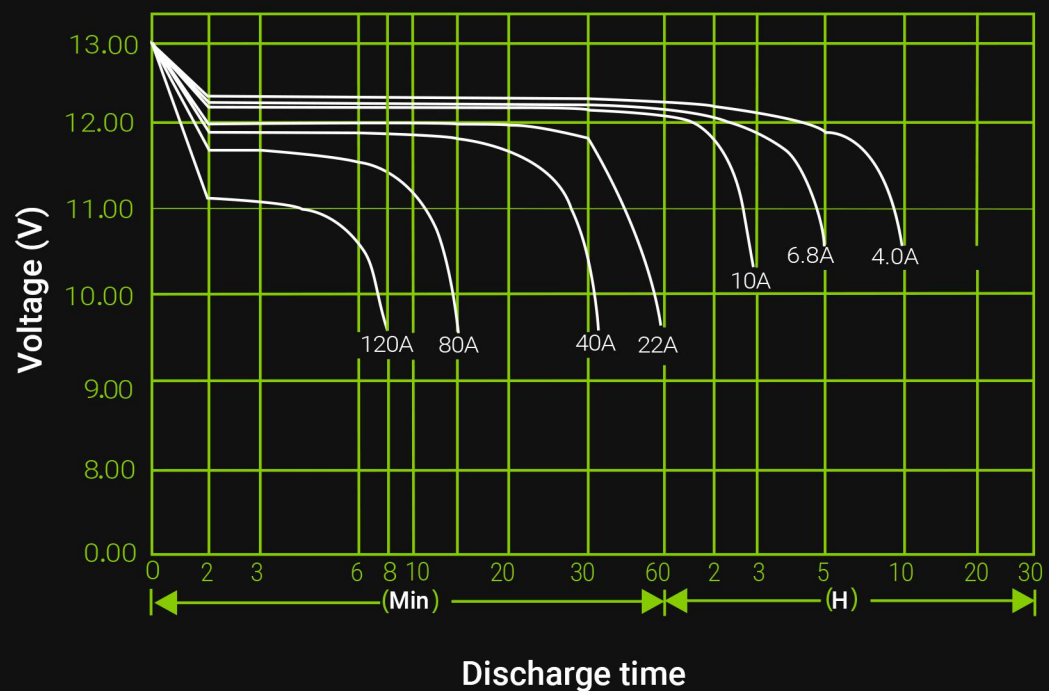
Capacity 25°C (77°F)	20hour rate(4.0A)	40.0Ah
	27min rate(6.8A)	34.0Ah
	7min rate(22.0A)	24.0Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	12mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 10A 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):**



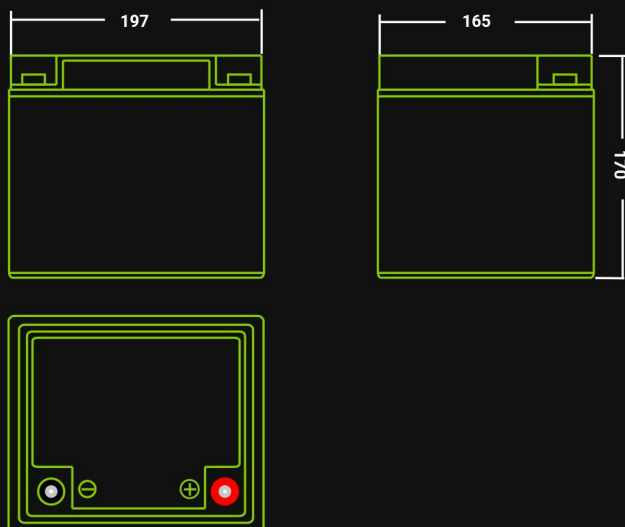
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	84	66	40.0	24.8	14.6	10.2	8.4	7.1	4.9	4.1	2.1
	W	898	721	446	281	168	119	98	84		48.2	25.6
9.90V	A	81.6	64.4	39.2	24.4	14.5	10.2	8.3	7.1	4.9	4.1	2.1
	W	876	706	439	278	167	119	98	84	58	48.4	25.5
10.20V	A	78	62	38.0	23.8	14.4	10.1	8.2	7.0	4.8	4.0	2.1
	W	840	683	427	272	167	118	97	83	57	48.0	25.5
10.50V	A	75	60	37.1	23.2	14.2	10.0	8.2	7.0	4.8	4.0	2.1
	W	808	663	418	266	165	117	97	83	57	48.0	25.4
10.80V	A	70	57	35.7	22.6	13.8	9.7	8.0	6.8	4.6	4.0	2.1
	W	762	630	404	260	161	114	94	81	55	47.6	25.2

### Physical specification:

Nominal Voltage		12V
Nominal Capacity(10HR)		40AH
Dimensions	Length	197±1 mm (7.76 inches)
	Width	165±1 mm (6.50 inches)
	Container Height	170±2 mm (6.69 inches)
	Total Height	170±2 mm (6.69 inches)
Weight		Approx 12.1 kg (26.62 lbs)
Standard terminal		T1

### Dimensions (mm):



### Terminal type:

Standard Terminal T1



( in mm)