

Green Cell

GC AGM23

Product card

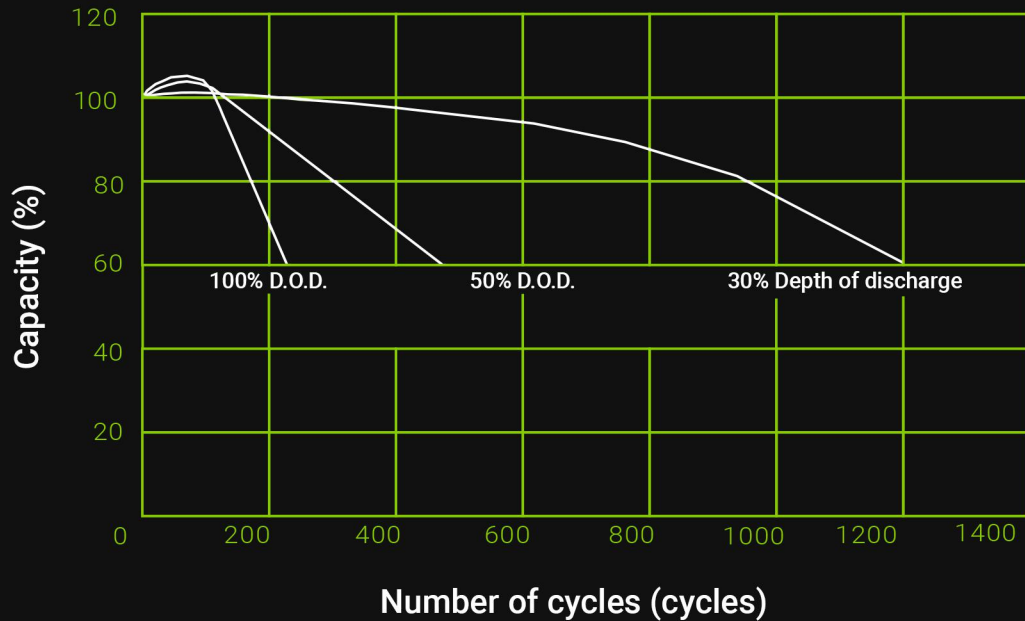


Electrical Specification:

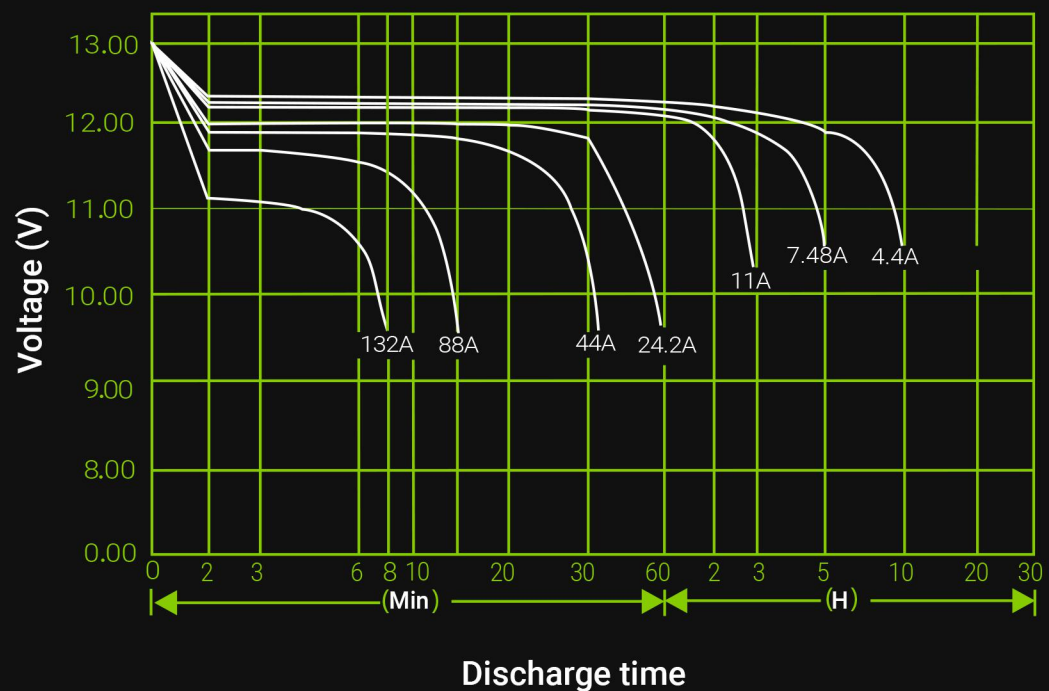
Capacity 25°C (77°F)	20hour rate(4.4A)	44.0Ah
	27min rate(7.48A)	37.0Ah
	7min rate(24.2A)	26.0Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	12mΩ
Self-Discharge at 25°C (77°F)	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 11A 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):



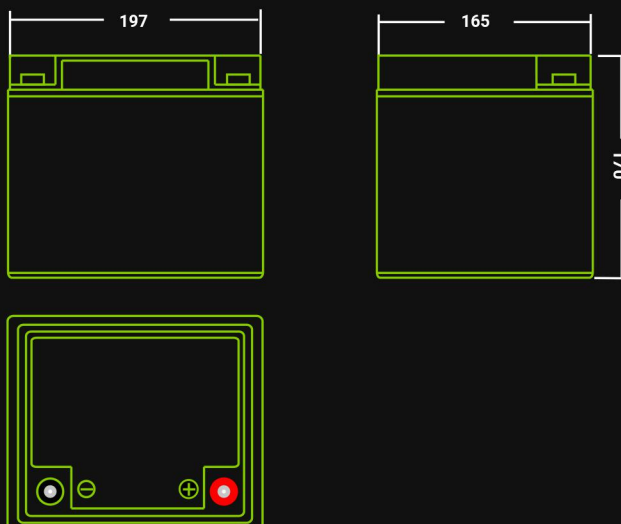
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	92	73	44.0	27.3	16.1	11.2	9.2	7.8	5.4	4.5	2.3
	W	988	794	491	309	185	131	108	92	64	53.0	28.1
9.90V	A	89.8	70.8	43.1	26.9	16.0	11.2	9.2	7.8	5.4	4.5	2.3
	W	963	777	483	306	184	131	108	92	64	53.2	28.1
10.20V	A	86	68	41.8	26.2	15.8	11.1	9.1	7.7	5.3	4.4	2.3
	W	924	751	469	299	183	130	107	92	63	52.8	28.1
10.50V	A	82	66	40.8	25.5	15.6	11.0	9.0	7.7	5.3	4.4	2.3
	W	889	729	460	292	181	129	106	91	63	52.8	27.9
10.80V	A	77	62	39.3	24.9	15.2	10.7	8.8	7.5	5.1	4.4	2.3
	W	839	693	444	286	177	126	104	89	61	52.4	27.7

Physical specification:

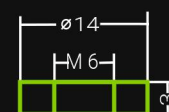
Nominal Voltage		12V
Nominal Capacity(10HR)		44AH
Dimensions	Length	197±1 mm (7.76 inches)
	Width	165±1 mm (6.50 inches)
	Container Height	170±2 mm (6.69 inches)
	Total Height	170±2 mm (6.69 inches)
Weight		Approx 12.7 kg (26.94 lbs)
Standard terminal		T1

Dimensions (mm):



Terminal type:

Standard Terminal T1



(in mm)