

Green Cell

GC AGM10

Product card

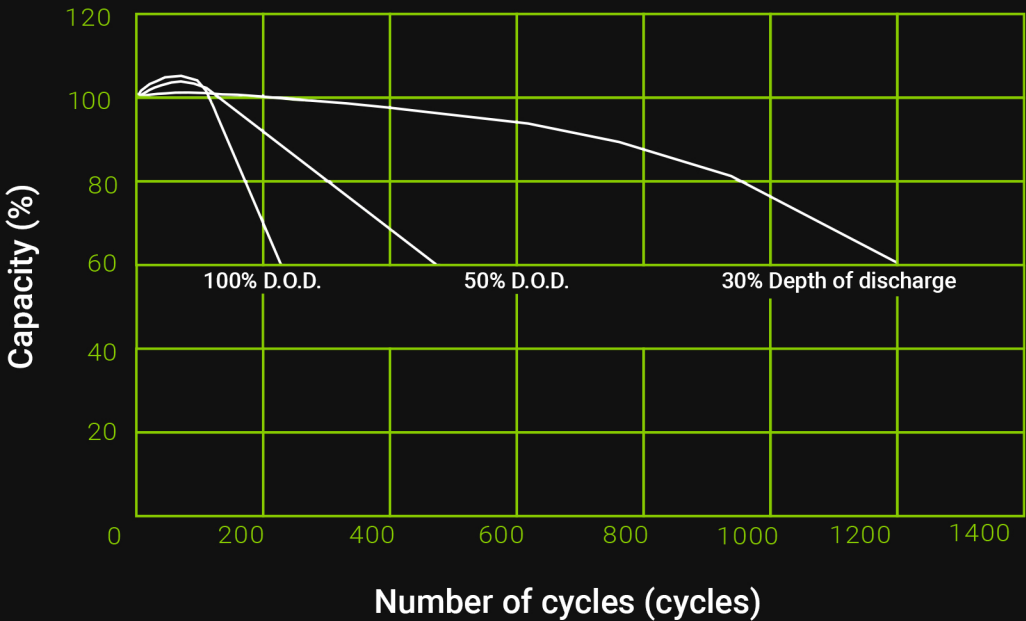


Electrical Specification:

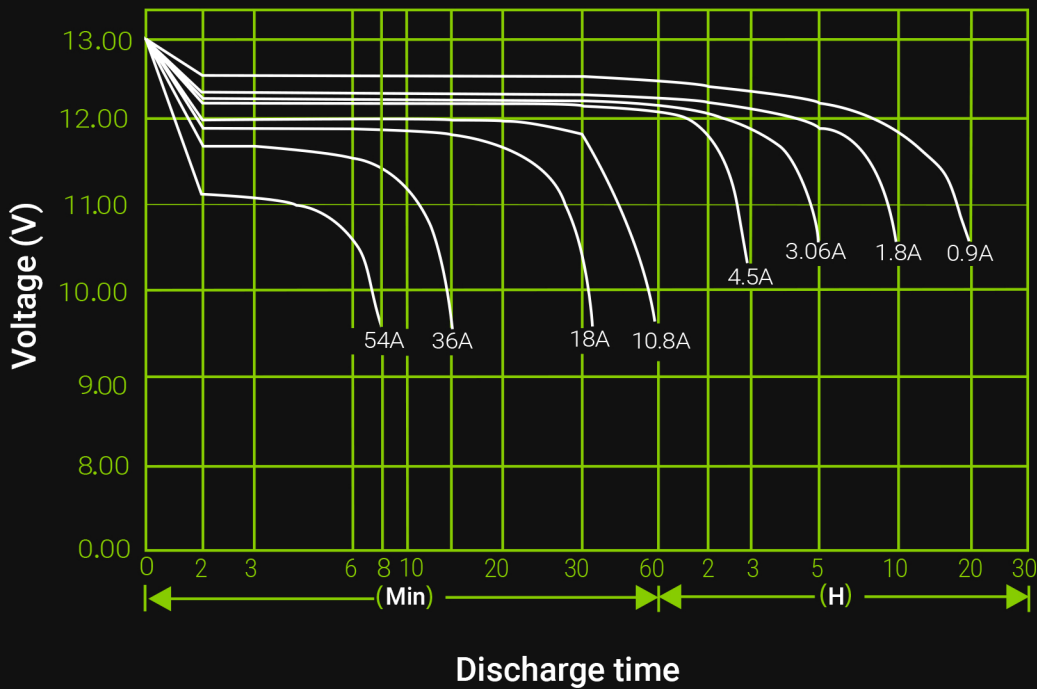
Capacity 25°C (77°F)	20hour rate(0.9A)	18.0Ah
	27min rate(18A)	8.1Ah
	7min rate(54A)	6.3Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	20mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 5.1A 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):



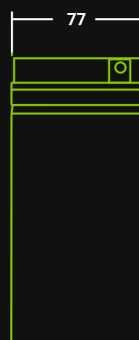
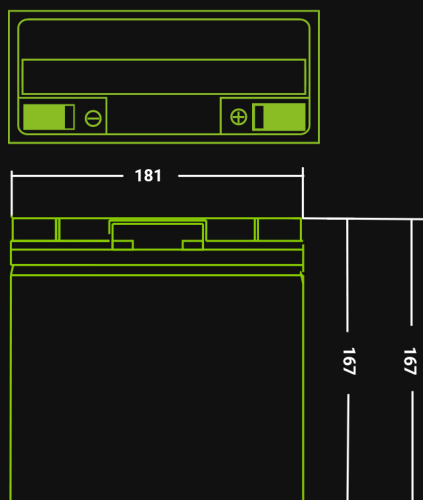
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	69.48	43.96	34.79	19.28	11.88	6.50	4.70	3.76	3.19	1.71	0.93
	W	775.67	495.12	395.40	221.00	137.38	75.66	55.08	44.41	37.86	20.43	11.10
9.90V	A	67.32	42.61	33.89	18.79	11.61	6.43	4.63	3.71	3.15	1.71	0.93
	W	751.83	480.08	385.31	215.51	134.30	74.85	54.25	43.78	37.45	20.35	11.05
10.20V	A	64.26	40.72	32.63	18.31	11.34	6.35	4.55	3.65	3.11	1.70	0.92
	W	717.91	458.95	371.11	210.01	131.23	74.04	53.43	43.16	37.03	20.30	11.01
10.50V	A	61.20	38.83	31.37	17.82	11.07	6.25	4.52	3.62	3.08	1.70	0.90
	W	683.97	437.80	356.91	204.50	128.15	72.80	53.02	42.75	36.62	20.24	10.76

Physical specification:

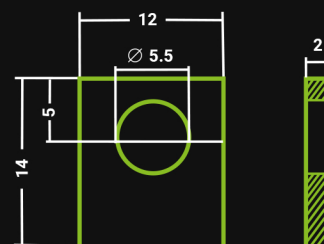
Nominal Voltage		12V
Nominal Capacity(20HR)		18AH
Dimensions	Length	181±1 mm (7.12 inches)
	Width	77±1 mm (3.03 inches)
	Container Height	167±2 mm (6.57 inches)
	Total Height	167±2 mm (6.57 inches)
Weight		Approx 5.3 kg (11.66 lbs)
Standard terminal		F3

Dimensions (mm):



Terminal type:

Standard Terminal (F4)



(in mm)