

Green Cell

GC AGM41

Product card

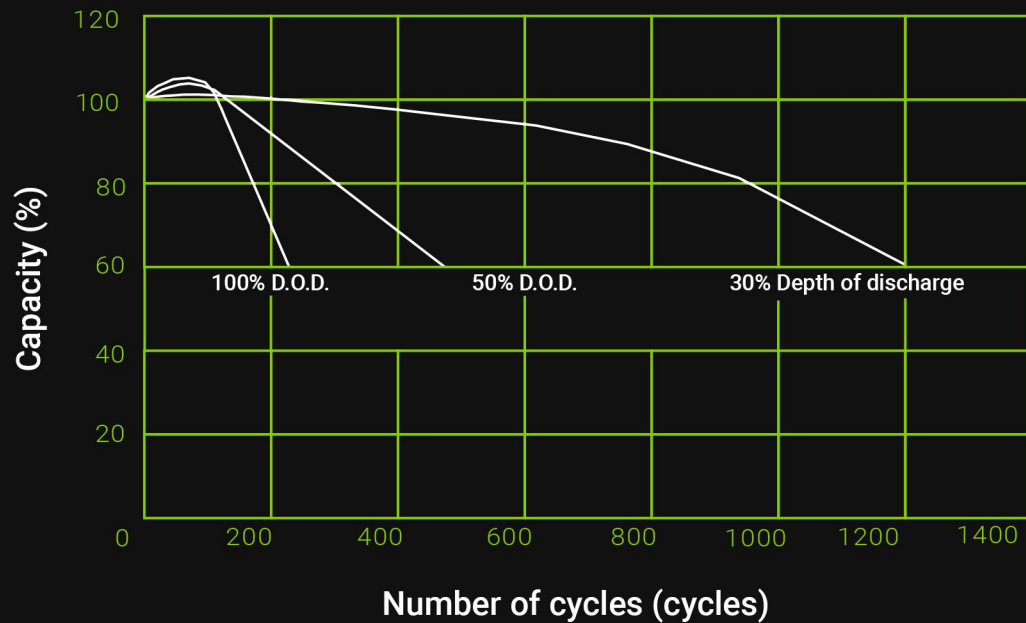


Electrical Specification:

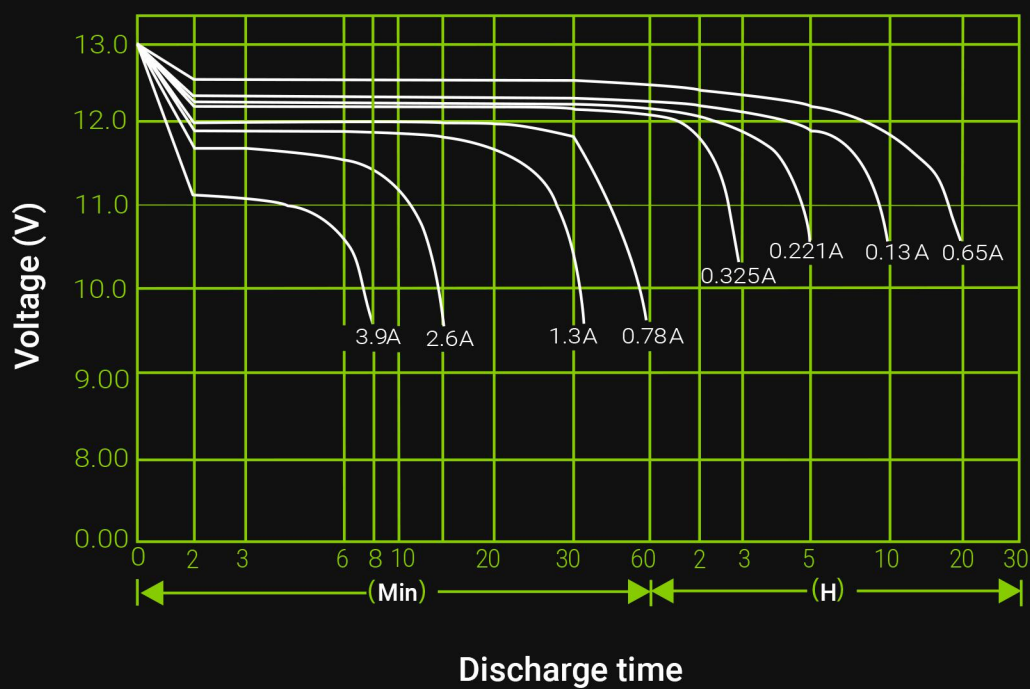
Capacity 25°C (77°F)	20hour rate(0.065A)	1.30Ah
	27min rate(1.3A)	0.585Ah
	7min rate(3.9A)	0.455Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	70mΩ
Self-Discharge at 25°C (77°F)	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 0.39A 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):



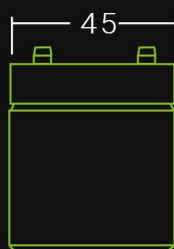
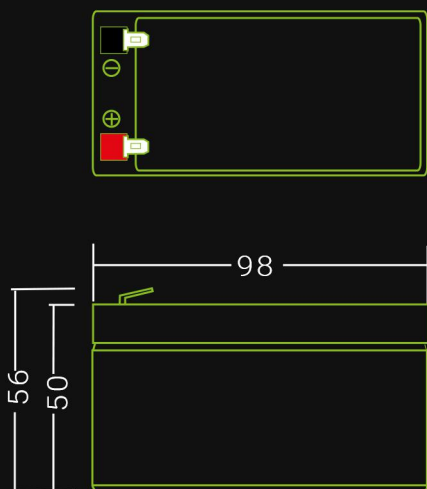
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	5.02	3.17	2.51	1.39	0.86	0.47	0.34	0.27	0.23	0.12	0.07
	W	56.02	35.76	28.56	15.96	9.92	5.46	3.98	3.21	2.73	1.48	0.80
9.90V	A	4.86	3.08	2.45	1.36	0.84	0.46	0.33	0.27	0.23	0.12	0.07
	W	54.30	34.67	27.83	15.56	9.70	5.41	3.92	3.16	2.70	1.47	0.80
10.20V	A	4.64	2.94	2.36	1.32	0.82	0.46	0.33	0.26	0.22	0.12	0.07
	W	51.85	33.15	26.80	15.17	9.48	5.35	3.86	3.12	2.67	1.47	0.80
10.50V	A	4.42	2.80	2.27	1.29	0.80	0.45	0.33	0.26	0.22	0.12	0.07
	W	49.40	31.62	25.78	14.77	9.26	5.26	3.83	3.09	2.64	1.46	0.78
10.80V	A	4.18	2.64	2.14	1.24	0.78	0.44	0.32	0.25	0.21	0.12	0.06
	W	46.71	29.77	24.31	14.22	8.99	5.14	3.72	3.01	2.55	1.42	0.76

Physical specification:

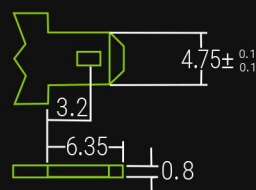
Nominal Voltage		12V
Nominal Capacity(20HR)		1.3AH
Dimensions	Length	98±1 mm (3.86inches)
	Width	45±1 mm (1.77 inches)
	Container Height	50±2 mm (1.97 inches)
	Total Height	56±2 mm (2.20 inches)
Weight		Approx 0.53kg (1.166 lbs)
Standard terminal		F1

Dimensions (mm):



Terminal type:

Standard Terminal
F1 (Fasten Tab No.187)



(in mm)