

Green Cell

GC AGM45

Product card

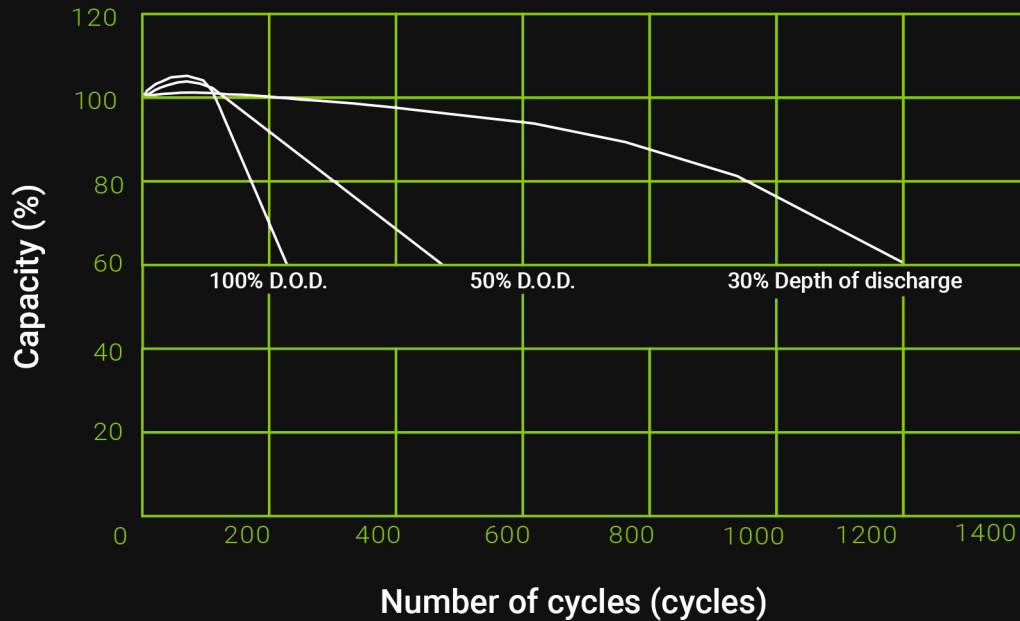


Electrical Specification:

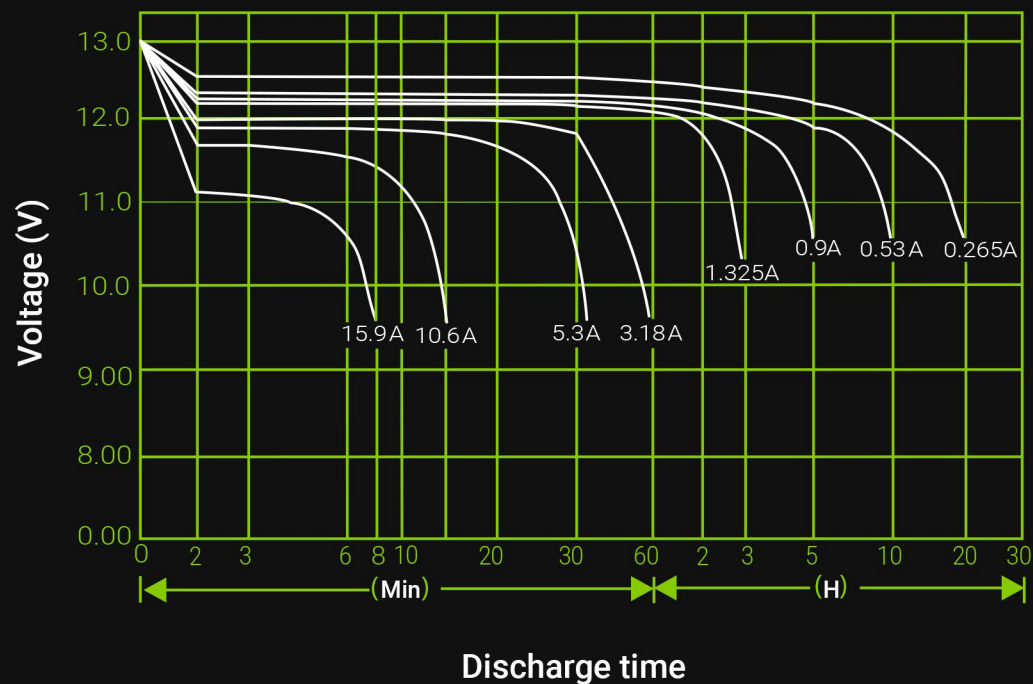
Capacity 25°C (77°F)	20hour rate(0.265A)	5.3Ah
	27min rate(5.3A)	2.385Ah
	7min rate(15.9A)	1.855Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	40mΩ
Self-Discharge at 25°C (77°F)	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 1.59A 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):



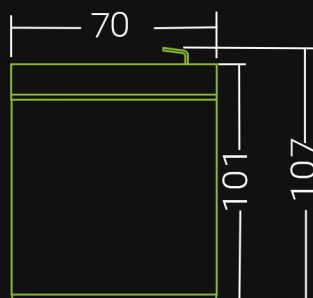
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
9.60V	A	20.46	12.94	10.24	5.68	3.50	1.91	1.38	1.11	0.94	0.50	0.27
	W	228.39	145.79	116.42	65.07	40.45	22.28	16.22	13.08	11.15	6.01	3.27
9.90V	A	19.82	12.55	9.98	5.53	3.42	1.89	1.36	1.09	0.93	0.50	0.27
	W	221.37	141.36	113.45	63.45	39.55	22.04	15.97	12.89	11.03	5.99	3.25
10.20V	A	18.92	11.99	9.61	5.39	3.34	1.87	1.34	1.08	0.92	0.50	0.27
	W	211.39	135.14	109.27	61.84	38.64	21.80	15.73	12.71	10.90	5.98	3.24
10.50V	A	18.02	11.43	9.24	5.25	3.26	1.84	1.33	1.07	0.91	0.50	0.27
	W	201.39	128.91	105.09	60.21	37.73	21.44	15.61	12.59	10.78	5.96	3.17
10.80V	A	17.03	10.76	8.71	5.05	3.16	1.80	1.29	1.04	0.87	0.48	0.26
	W	190.44	121.36	99.10	57.98	36.64	20.95	15.18	12.28	10.41	5.78	3.11

Physical specification:

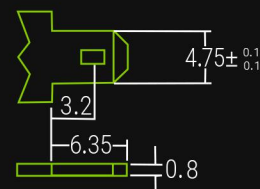
Nominal Voltage		12V
Nominal Capacity(20HR)		5.3AH
Dimensions	Length	90±1 mm (3.54inches)
	Width	70±1 mm (2.76 inches)
	Container Height	101±2 mm (3.98 inches)
	Total Height	107±2 mm (4.21 inches)
Weight		Approx 1.5kg (3.3 lbs)
Standard terminal		F1/F2

Dimensions (mm):

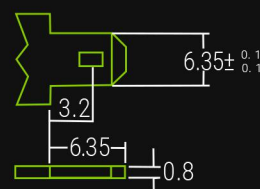


Terminal type:

Standard Terminal
F1 (Fasten Tab No.187A)



Standard Terminal
F2 (Fasten Tab No.250A)



(in mm)