

Green Cell

GC AGM57

Product card

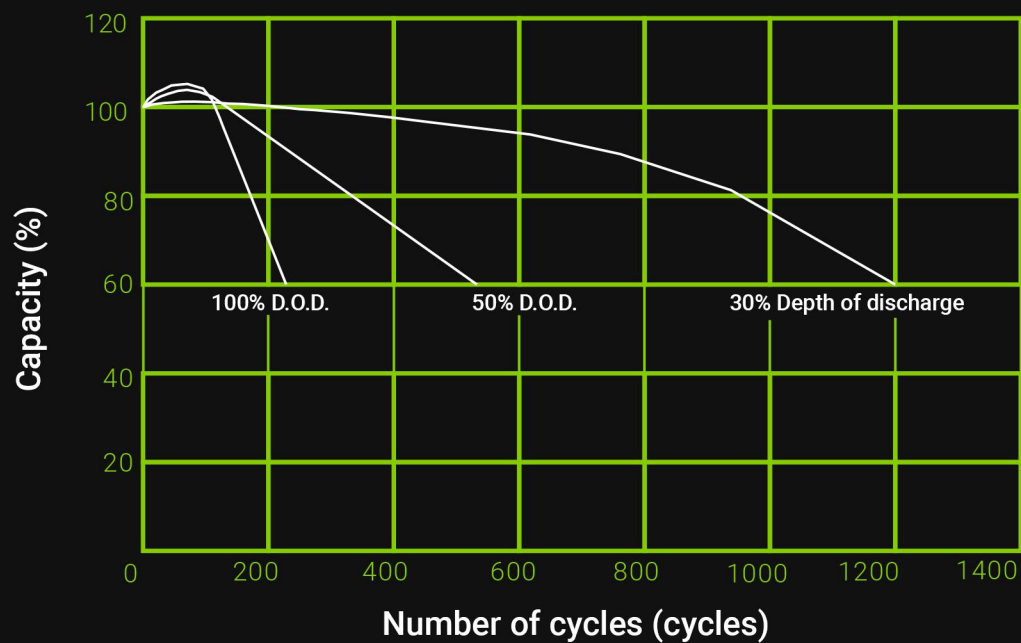


Electrical Specification:

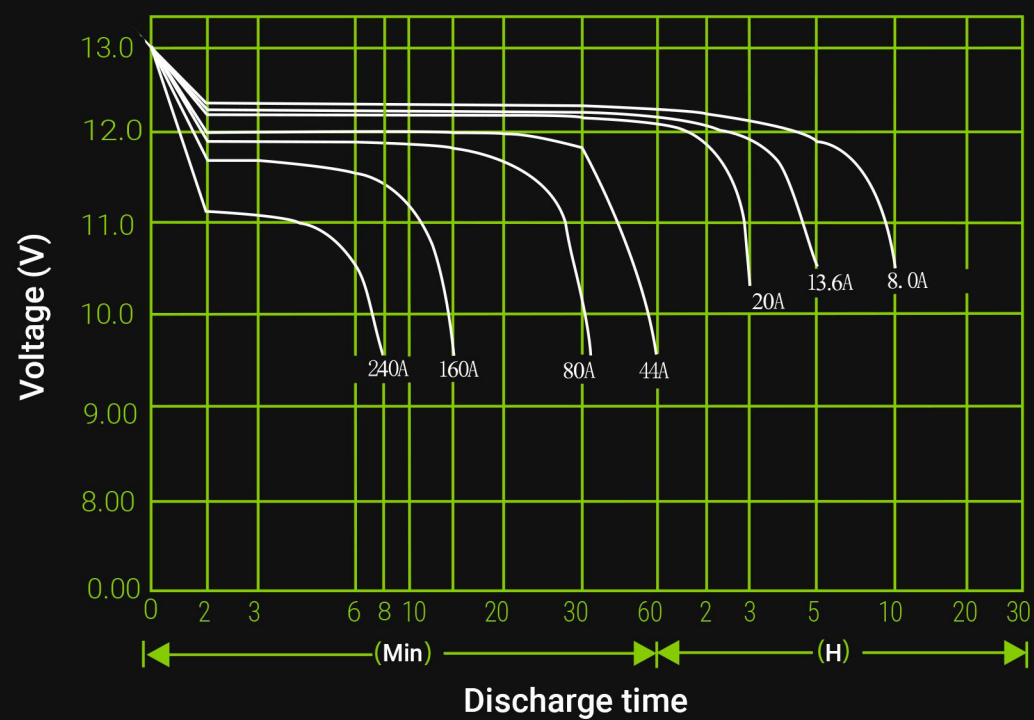
Capacity 25°C (77°F)	10hour rate(8.0A)	80.0Ah
	5hour rate(13.6A)	68.0Ah
	1 hour rate(44.0A)	48.0Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	8mΩ
Self-Discharge at 25°C (77°F)	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 20A 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):



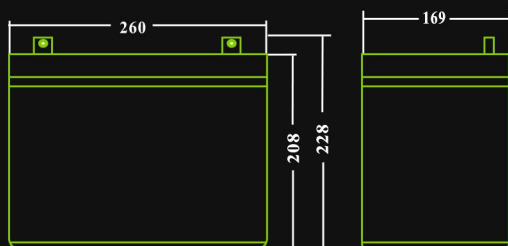
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	171	134	80.8	50.1	29.5	20.6	16.7	14.2	9.8	8.2	4.3
	W	1830	1460	901	568	340	240	196	168	116	96.5	51.1
9.90V	A	166	130	79.2	49.4	29.4	20.5	16.6	14.2	9.8	8.2	4.3
	W	1785	1430	886	561	339	239	196	167	116	96.8	51.1
10.20V	A	159	126	76.8	48.1	29.1	20.3	16.5	14.1	9.7	8.1	4.3
	W	1715	1383	862	549	337	238	194	167	115	96.0	51.0
10.50V	A	153	122	75.0	47.1	28.7	20.2	16.4	14.0	9.6	8.1	4.2
	W	1650	1344	845	540	333	236	194	166	114	96.0	50.7
10.80V	A	144	115	72.2	45.7	28.0	19.6	15.9	13.6	9.3	8.0	4.2
	W	1560	1278	817	525	326	230	188	161	110	95.2	50.4

Physical specification:

Nominal Voltage		12V
Nominal Capacity(10HR)		80AH
Dimensions	Length	259±1 mm (10.2 inches)
	Width	169±1 mm (6.65 inches)
	Container Height	208±2 mm (8.19 inches)
	Total Height	227±2 mm (8.98 inches)
Weight		Approx 22.4 kg (49.28 lbs)
Standard terminal		T3

Dimensions (mm):



Terminal type:

Standard Terminal T3



(in mm)