

Green Cell

GC AGM31

Product card

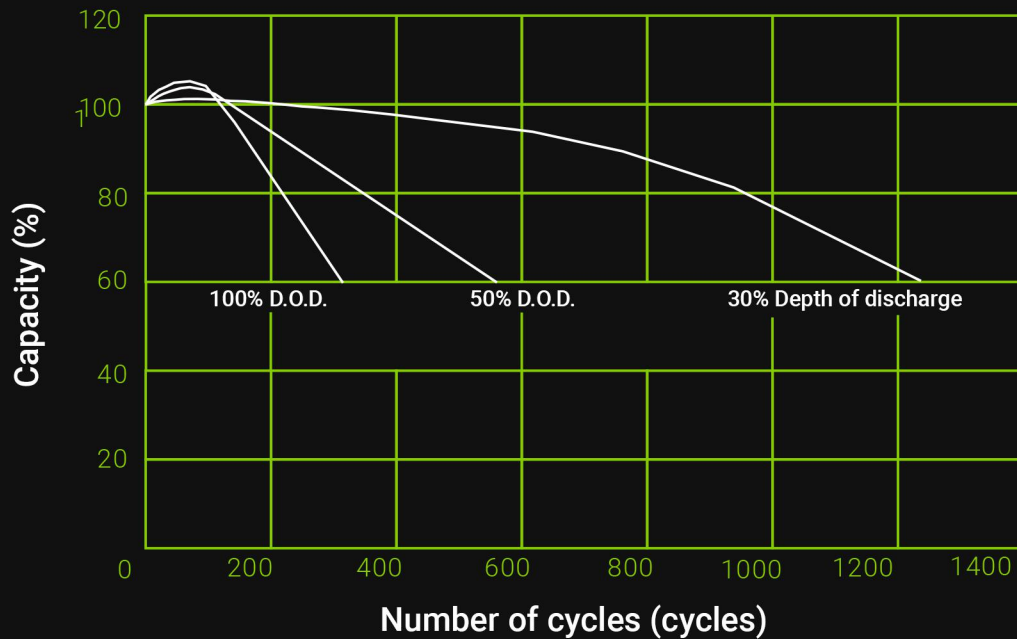


Electrical Specification:

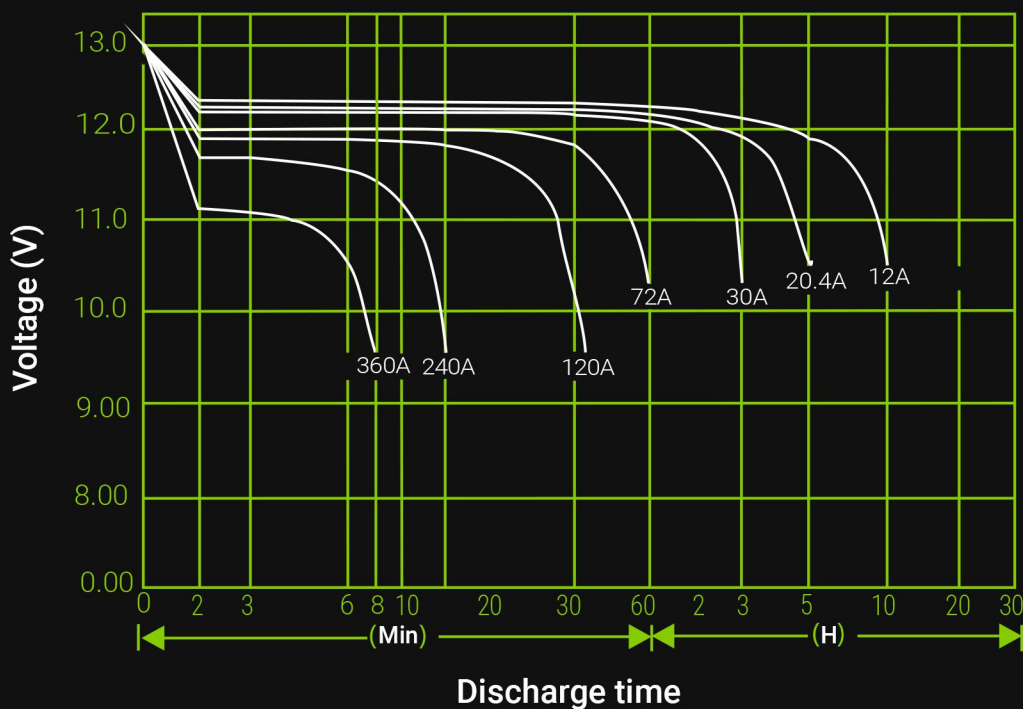
Capacity 25°C (77°F)	10hour rate(12A)	120.0Ah
	5hour rate(19.2A)	96Ah
	1 hour rate(66A)	6Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	5mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 30A 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):



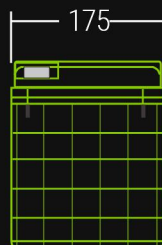
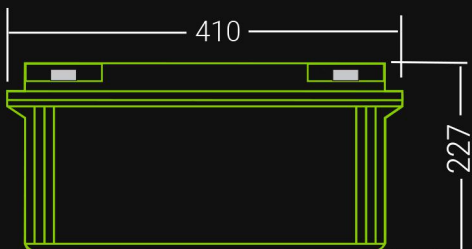
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	257	200	121.2	75.1	44.3	30.8	25.1	21.4	14.6	12.2	6.4
	W	2745	2190	1351	852	511	360	294	252	173	144.7	76.7
9.90V	A	250	196	118.8	74.0	44.0	30.7	25.0	21.2	14.6	12.2	6.4
	W	2678	2146	1329	842	508	359	294	251	173	145.2	76.6
10.20V	A	239	188	115.2	72.1	43.7	30.5	24.7	21.1	14.5	12.1	6.4
	W	2572	2074	1294	823	505	357	291	250	172	144.0	76.5
10.50V	A	229	182	112.4	70.7	43.1	30.2	24.6	21.0	14.4	12.1	6.3
	W	2475	2016	1267	809	500	354	290	249	171	144.0	76.1
10.80V	A	216	173	108.4	68.5	42.0	29.4	23.9	20.4	13.9	12.0	6.3
	W	2339	1916	1226	787	488	345	283	242	166	142.8	75.6

Physical specification:

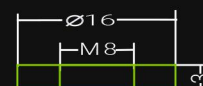
Nominal Voltage		12V
Nominal Capacity(10HR)		120AH
Dimensions	Length	410±1 mm (16.14 inches)
	Width	175±1 mm (6.88 inches)
	Container Height	227±2 mm (8.93 inches)
	Total Height	227±2 mm (8.93 inches)
Weight		Approx 33.5 kg (73.71 lbs)
Standard terminal		T2

Dimensions (mm):



Terminal type:

Standard Terminal T2



(in mm)

