Green Cell

GC AGM58

Product card

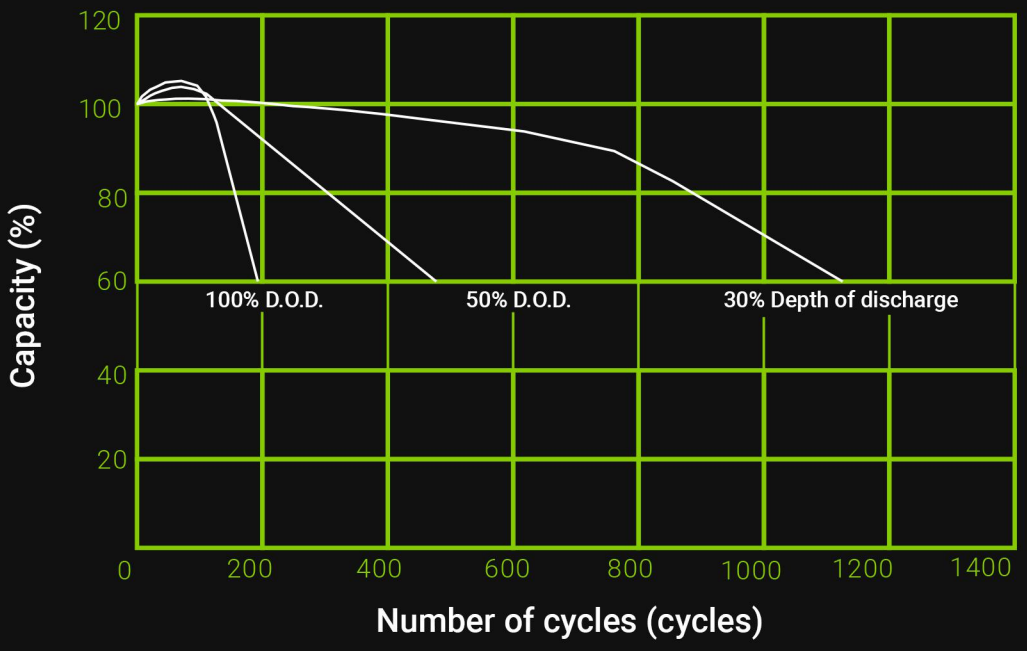


Electrical Specification:

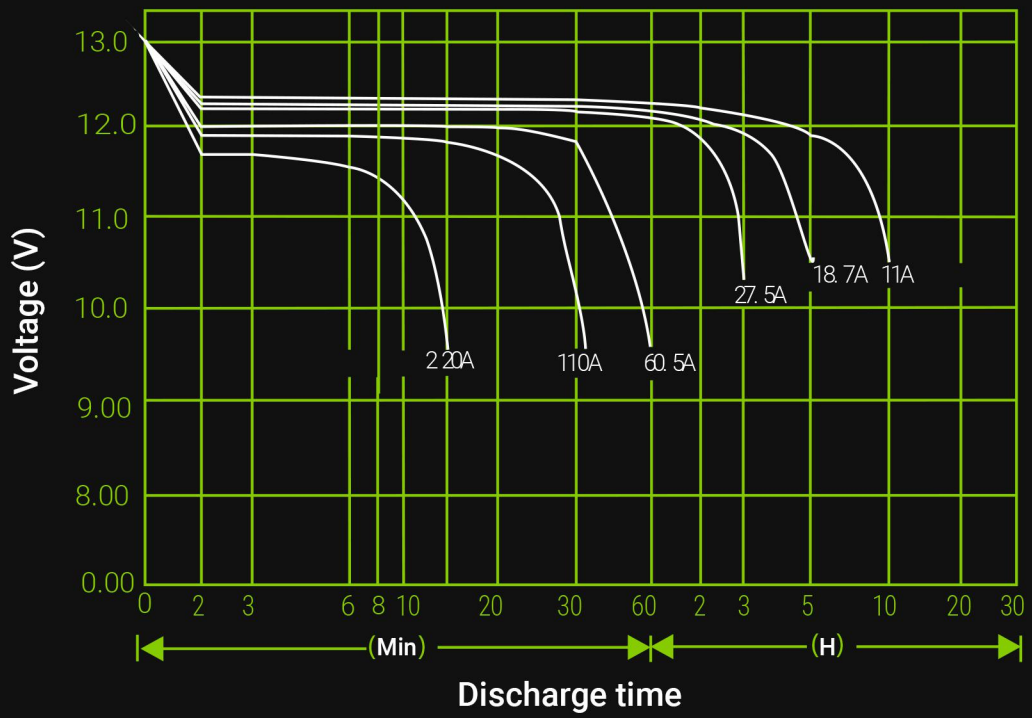
Capacity 25°C (77°F)	10hour rate(11.0A)	110.0Ah
	5hour rate(18.7A)	93.5Ah
	1hour rate(60.5A)	66.0Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	8.5mΩ
Self-Discharge at 25°C (77°F)	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 27.5A 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):



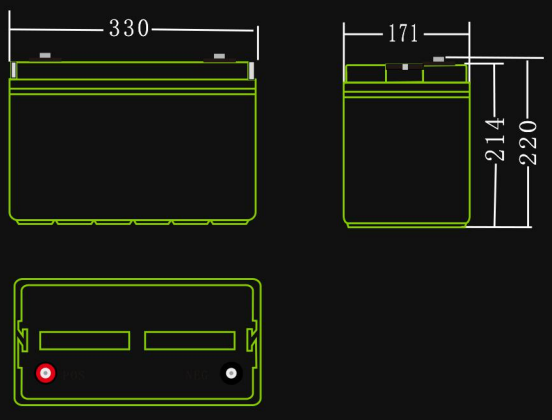
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	231	182	110.0	68.2	40.2	28.1	23.0	19.6	13.4	11.2	5.9
	W	2469	1984	1227	773	463	328	270	231	159	132.6	70.3
9.90V	A	224.4	177.1	107.8	67.2	39.9	27.9	22.9	19.5	13.4	11.2	5.9
	W	2408	1943	1206	764	460	326	269	230	159	133.1	70.2
10.20V	A	215	171	104.5	65.5	39.6	27.7	22.7	19.4	13.3	11.1	5.9
	W	2310	1877	1174	747	458	324	267	229	158	132.0	70.2
10.50V	A	206	165	102.0	63.8	39.1	27.5	22.6	19.3	13.2	11.1	5.8
	W	2222	1823	1149	731	453	322	266	228	157	132.0	69.8
10.80V	A	194	156	98.2	62.2	38.1	26.7	21.9	18.7	12.8	11.0	5.8
	W	2097	1732	1111	714	443	314	259	222	152	130.9	69.3

Physical specification:

Nominal Voltage		12V
Nominal Capacity(10HR)		110AH
Dimensions	Length	330±1 mm (13.0 inches)
	Width	171±1 mm (6.73 inches)
	Container Height	214±2 mm (8.43 inches)
	Total Height	224±2 mm (8.82 inches)
Weight		Approx 29 kg (63.8 lbs)
Standard terminal		T1

Dimensions (mm):



Terminal type:

Standard Terminal T1



(in mm)