

Green Cell

GC AGM25

Product card

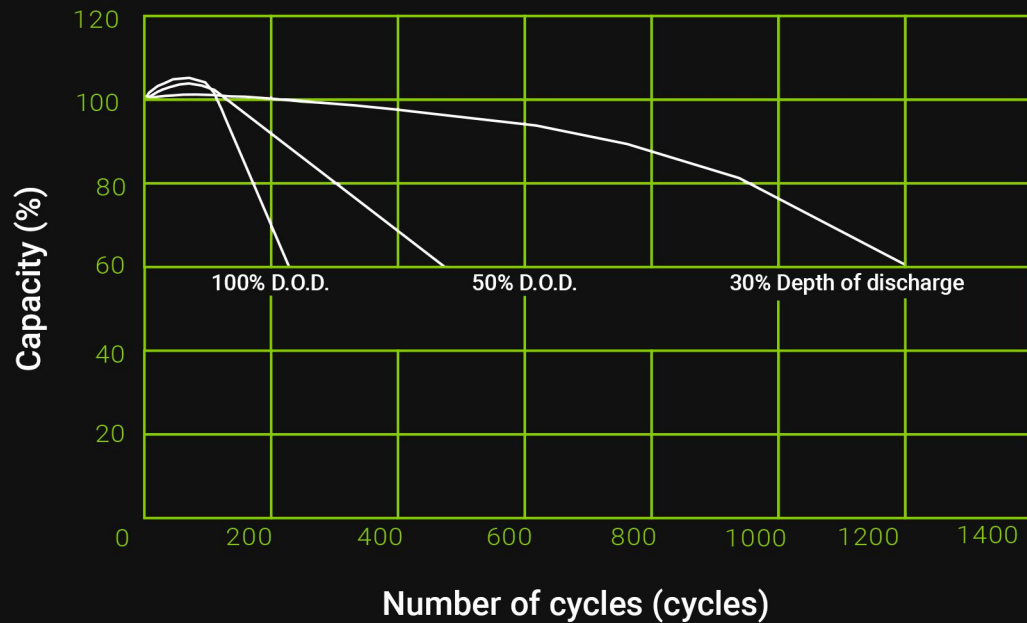


Electrical Specification:

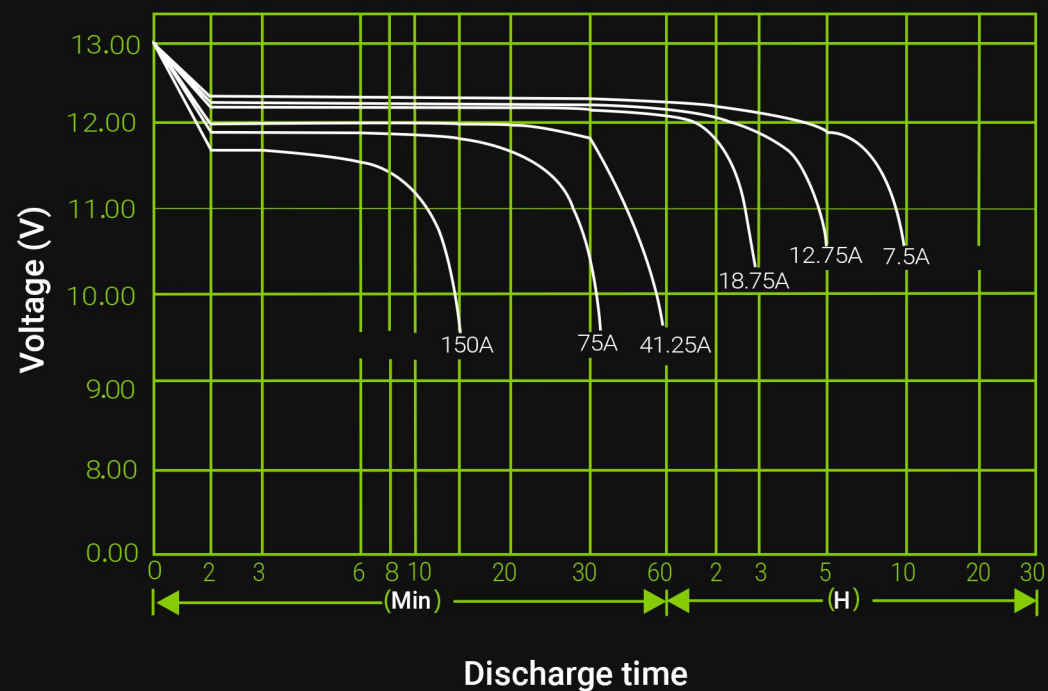
Capacity 25°C (77°F)	10hour rate(7.50A)	75.0Ah
	5hour rate(12.75A)	63.75Ah
	1 hour rate(41.25A)	45.0Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	9mΩ
Self-Discharge at 25°C (77°F)	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 18.75A 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):



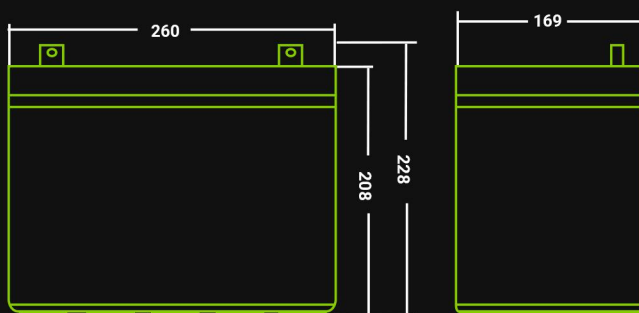
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	161	125	75.8	47.0	27.7	19.3	15.7	13.4	9.2	7.7	4.0
	W	1716	1369	845	532	319	225	184	157	108	90.4	47.9
9.90V	A	156	122	74.3	46.3	27.5	19.2	15.6	13.3	9.2	7.7	4.0
	W	1674	1341	831	526	317	224	183	157	108	90.7	47.9
10.20V	A	149	118	72.0	45.1	27.3	19.1	15.5	13.2	9.1	7.6	4.0
	W	1607	1296	809	514	316	223	182	156	108	90.0	47.8
10.50V	A	143	114	70.3	44.2	26.9	18.9	15.4	13.1	9.0	7.6	4.0
	W	1547	1260	792	506	312	222	181	156	107	90.0	47.6
10.80V	A	135	108	67.7	42.8	26.3	18.4	14.9	12.8	8.7	7.5	3.9
	W	1462	1198	766	492	305	216	177	151	103	89.3	47.3

Physical specification:

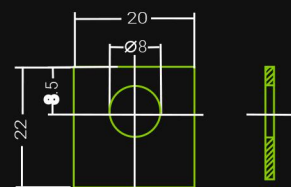
Nominal Voltage		12V
Nominal Capacity(10HR)		75AH
Dimensions	Length	260±1 mm (10.2 inches)
	Width	169±1 mm (6.65 inches)
	Container Height	208±2 mm (8.19 inches)
	Total Height	214±2 mm (8.43 inches)
Weight		Approx 21.3 kg (46.68 lbs)
Standard terminal		T2

Dimensions (mm):



Terminal type:

Standard Terminal B4



Standard Terminal T 2



(in mm)