

Green Cell

GC AGM16

Product card



Sealed Lead-Acid Battery
20HR (25°C) / AGM16

6V / 10Ah

CONSTANT VOLTAGE CHARGE
Cycle use: 7.20-7.50V
Standby use: 6.75-6.90V
Initial current: less than 3.0A



Producer/importer:
Green Cell,
Paweł Dohyński (CSG S.A.)
ul. Kolkwaryjska 33,
PL30-509 Cracow



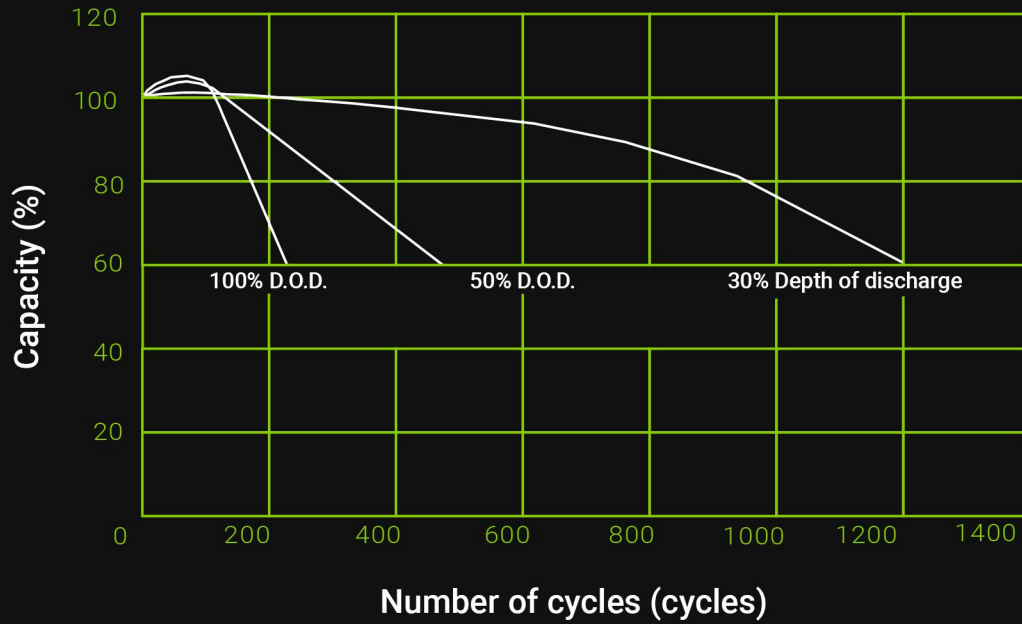
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Electrical Specification:

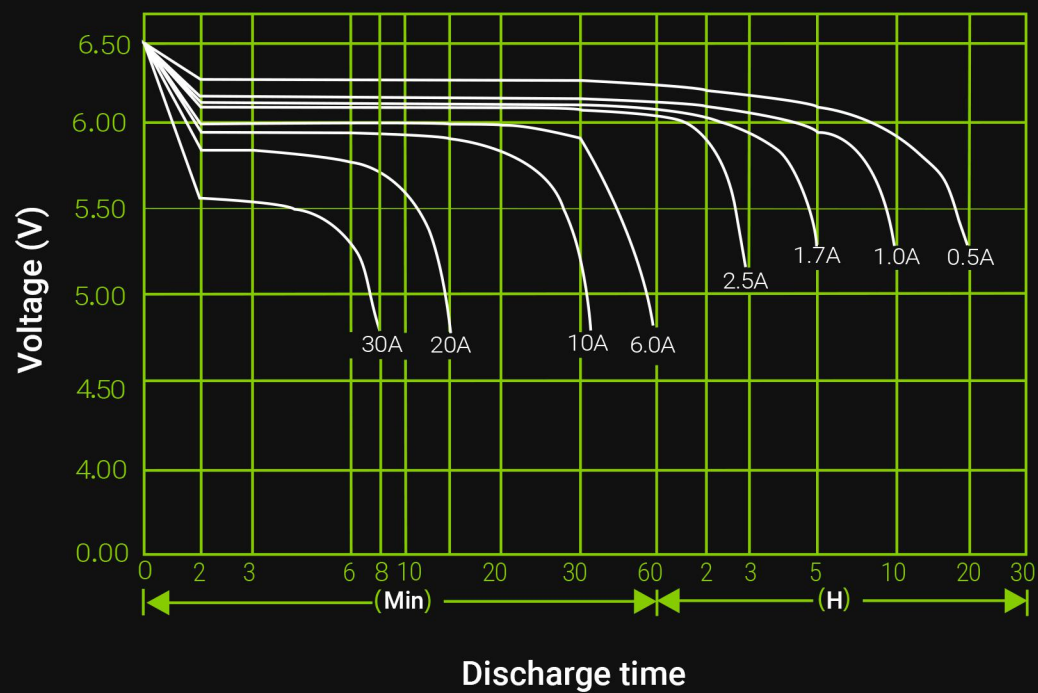
Capacity 25°C (77°F)	20hour rate(0.5A)	10Ah
	27min rate(10A)	4.5Ah
	7min rate(30A)	3.5Ah
Capacity Affected by Temperature (20hour rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Internal Resistance	full charged battery 25°C (77°F)	15mΩ
Self-Discharge at 25°C (77°F)	Capacity 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 3.0A Voltage 7.20 - 7.50V
	Float	Voltage 6.75 - 6.90V

Cycle service life in relation to depth of discharge:



Discharge Characteristics after fully charged (25°C, 77°F):



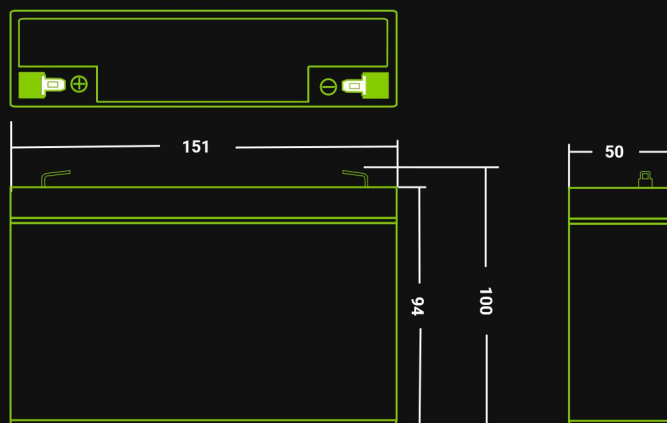
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

time		5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h
4.80V	A	38.60	24.42	19.33	10.71	6.60	3.61	2.61	2.09	1.77	0.95	0.52
	W	215.47	137.53	109.83	61.39	38.16	21.02	15.30	12.34	10.52	5.67	3.08
4.95V	A	37.40	23.67	18.83	10.44	6.45	3.57	2.57	2.06	1.75	0.95	0.51
	W	208.84	133.36	107.03	59.86	37.31	20.79	15.07	12.16	10.40	5.65	3.07
5.10V	A	35.70	22.62	18.13	10.17	6.30	3.53	2.53	2.03	1.73	0.95	0.51
	W	199.42	127.49	103.09	58.34	36.45	20.57	14.84	11.99	10.29	5.64	3.06
5.25V	A	34.00	21.57	17.43	9.90	6.15	3.47	2.51	2.01	1.71	0.94	0.50
	W	189.99	121.61	99.14	56.81	35.60	20.22	14.73	11.88	10.17	5.62	2.99
5.40V	A	32.14	20.30	16.43	9.53	5.97	3.39	2.44	1.96	1.65	0.91	0.49
	W	179.66	114.49	93.49	54.70	34.57	19.76	14.32	11.58	9.82	5.46	2.93

Physical specification:

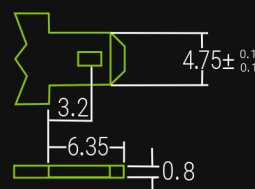
Nominal Voltage		6V
Nominal Capacity(20HR)		10AH
Dimensions	Length	151±1 mm (5.94 inches)
	Width	50±1 mm (1.97 inches)
	Container Height	94±2 mm (3.70 inches)
	Total Height	100±2 mm (3.94 inches)
Weight		Approx 1.45 kg (3.19 lbs)
Standard terminal		F1/F2

Dimensions (mm):

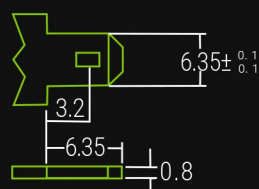


Terminal type:

Standard Terminal
F1 (Fasten Tab No.187A)



Standard Terminal
F2 (Fasten Tab No.250A)



(in mm)