

Green Cell

GC AGM42

Product card

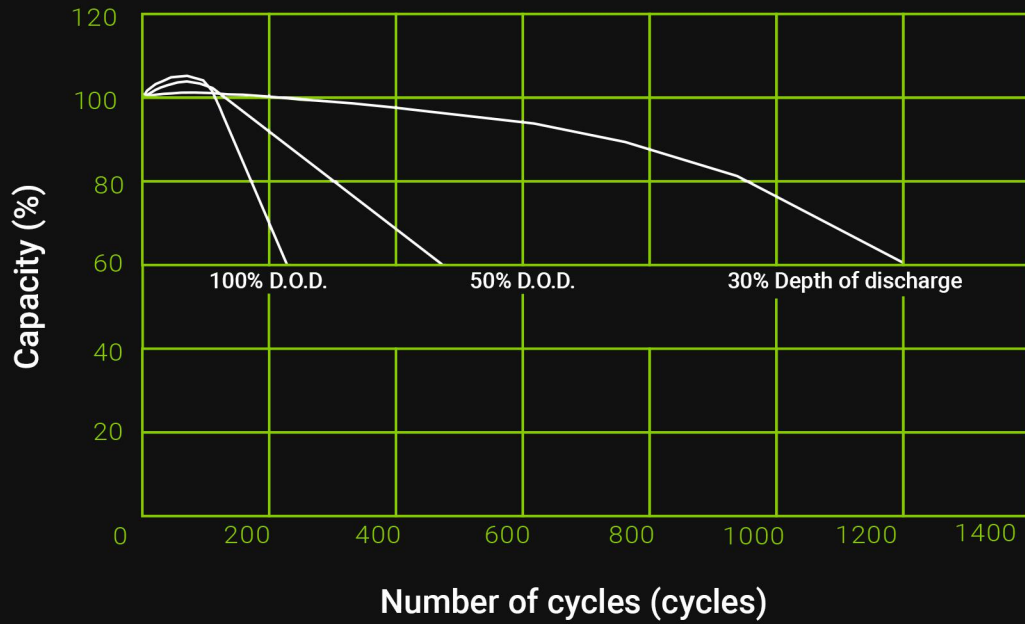


Electrical Specification:

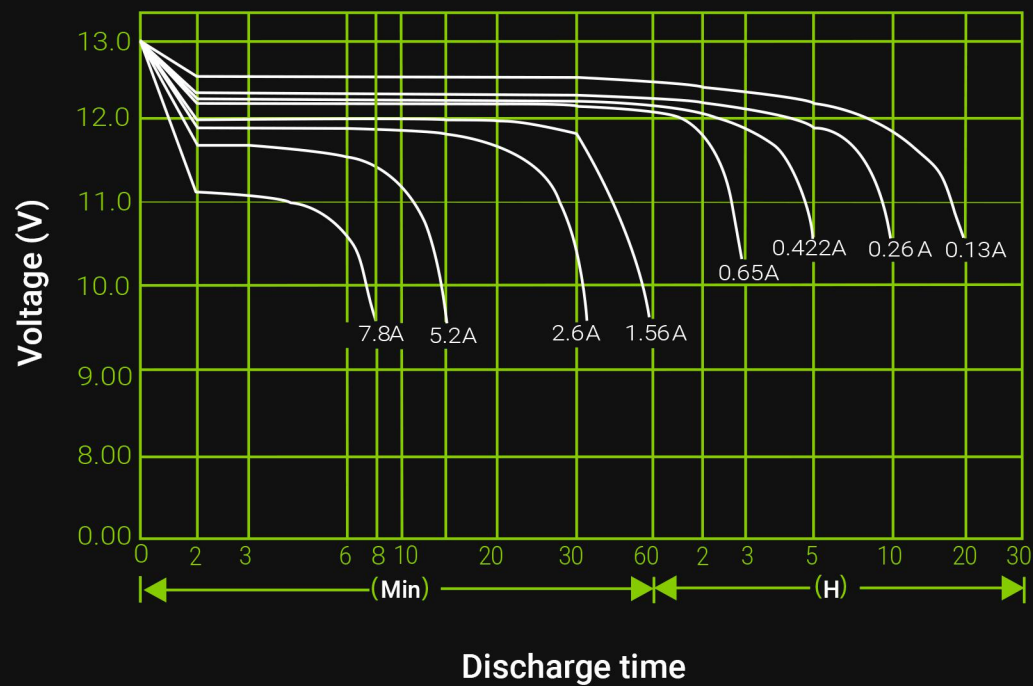
| | | |
|---|-------------------------------------|--------|
| Capacity 25°C (77°F) | 20hour rate(0.13A) | 2.6Ah |
| | 27min rate(2.6A) | 1.17Ah |
| | 7min rate(7.8A) | 0.91Ah |
| Capacity Affected by Temperature (20hour rate) | 40°C (104°F) | 102% |
| | 25°C (77°F) | 100% |
| | 0°C (32°F) | 85% |
| | -15°C (5°F) | 65% |
| Internal Resistance | full charged battery 25°C (77°F) | 45mΩ |
| 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 0.78A 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):



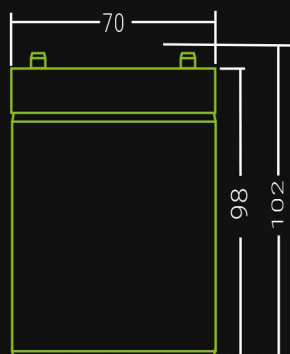
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

| time | | 5min | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 10h | 20h |
|--------|---|--------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 9.60V | A | 10.04 | 6.35 | 5.03 | 2.78 | 1.72 | 0.94 | 0.68 | 0.54 | 0.46 | 0.25 | 0.13 |
| | W | 112.04 | 71.52 | 57.11 | 31.92 | 19.84 | 10.93 | 7.96 | 6.41 | 5.47 | 2.95 | 1.60 |
| 9.90V | A | 9.72 | 6.15 | 4.90 | 2.71 | 1.68 | 0.93 | 0.67 | 0.54 | 0.46 | 0.25 | 0.13 |
| | W | 108.60 | 69.35 | 55.66 | 31.13 | 19.40 | 10.81 | 7.84 | 6.32 | 5.41 | 2.94 | 1.60 |
| 10.20V | A | 9.28 | 5.88 | 4.71 | 2.64 | 1.64 | 0.92 | 0.66 | 0.53 | 0.45 | 0.25 | 0.13 |
| | W | 103.70 | 66.29 | 53.61 | 30.33 | 18.95 | 10.69 | 7.72 | 6.23 | 5.35 | 2.93 | 1.59 |
| 10.50V | A | 8.84 | 5.61 | 4.53 | 2.57 | 1.60 | 0.90 | 0.65 | 0.52 | 0.44 | 0.24 | 0.13 |
| | W | 98.80 | 63.24 | 51.55 | 29.54 | 18.51 | 10.52 | 7.66 | 6.18 | 5.29 | 2.92 | 1.55 |
| 10.80V | A | 8.36 | 5.28 | 4.27 | 2.48 | 1.55 | 0.88 | 0.63 | 0.51 | 0.43 | 0.24 | 0.13 |
| | W | 93.42 | 59.54 | 48.61 | 28.45 | 17.97 | 10.28 | 7.45 | 6.02 | 5.11 | 2.84 | 1.52 |

Physical specification:

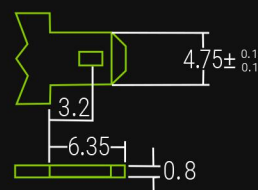
| | | |
|------------------------|------------------|---------------------------|
| Nominal Voltage | | 12V |
| Nominal Capacity(20HR) | | 2.6AH |
| Dimensions | Length | 70±1 mm (2.76inches) |
| | Width | 47±1 mm (1.85 inches) |
| | Container Height | 98±2 mm (3.86 inches) |
| | Total Height | 102±2 mm (4.02 inches) |
| Weight | | Approx 0.84kg (1.848 lbs) |
| Standard terminal | | F1 |

Dimensions (mm):



Terminal type:

Standard Terminal
F1 (Fasten Tab No.187)



(in mm)