

Green Cell

GC AGM01

Product card

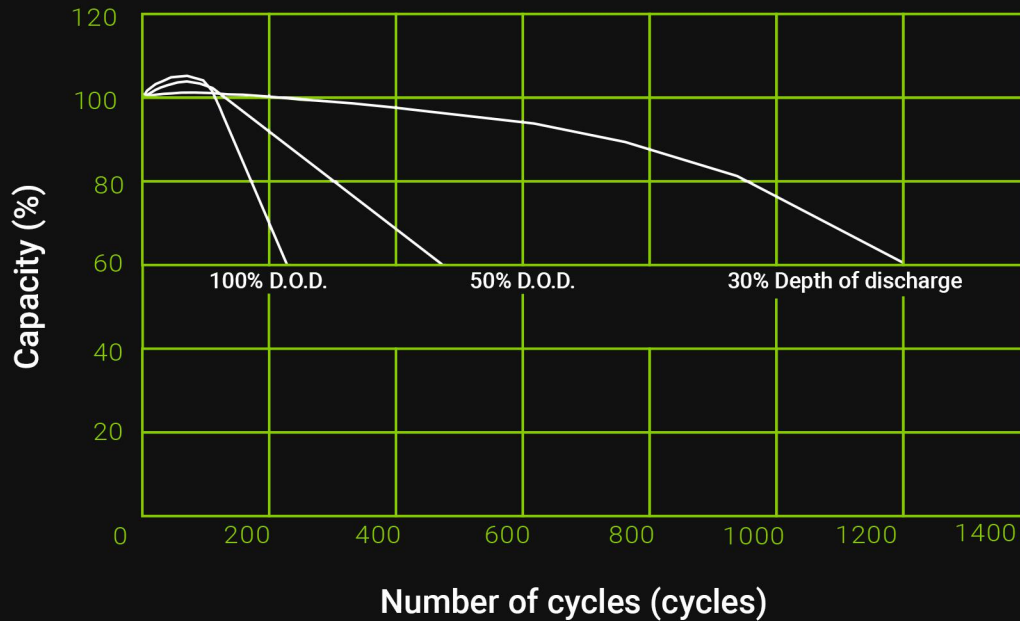


Electrical Specification:

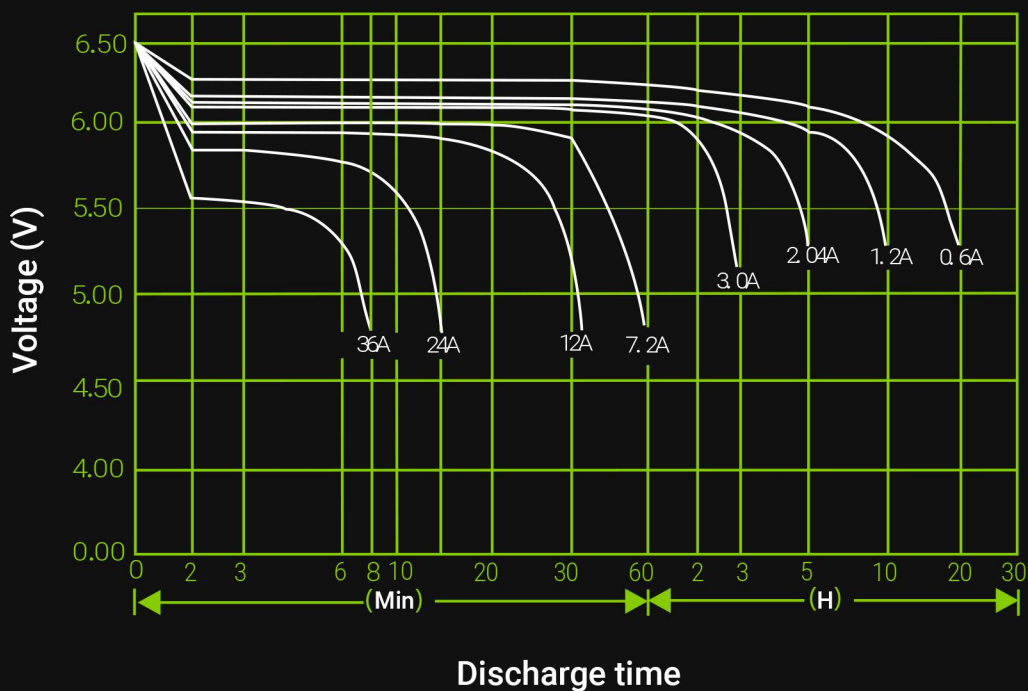
| | | |
|---|-------------------------------------|-------|
| Capacity 25°C (77°F) | 20hour rate(0.6A) | 12Ah |
| | 27min rate(12A) | 5.4Ah |
| | 7min rate(36A) | 4.2Ah |
| Capacity Affected by Temperature (20hour rate) | 40°C (104°F) | 102% |
| | 25°C (77°F) | 100% |
| | 0°C (32°F) | 85% |
| | -15°C (5°F) | 65% |
| Internal Resistance | full charged battery 25°C (77°F) | 13 mΩ |
| 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 3.6A 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):



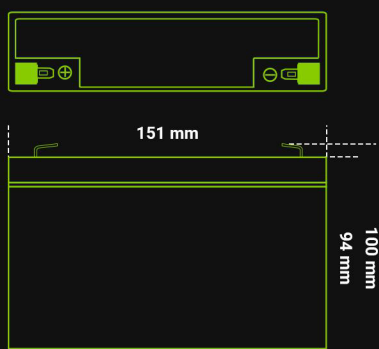
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

| time | | 5min | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 10h | 20h |
|-------|---|--------|--------|--------|-------|-------|-------|-------|-------|-------|------|------|
| 4.80V | A | 46.32 | 29.30 | 23.20 | 12.85 | 7.92 | 4.33 | 3.13 | 2.51 | 2.12 | 1.14 | 0.62 |
| | W | 258.56 | 165.04 | 131.80 | 73.67 | 45.79 | 25.22 | 18.36 | 14.80 | 12.62 | 6.81 | 3.70 |
| 4.95V | A | 44.88 | 28.40 | 22.60 | 12.53 | 7.74 | 4.28 | 3.08 | 2.47 | 2.10 | 1.14 | 0.62 |
| | W | 250.61 | 160.03 | 128.44 | 71.84 | 44.77 | 24.95 | 18.08 | 14.59 | 12.48 | 6.78 | 3.68 |
| 5.10V | A | 42.84 | 27.14 | 21.76 | 12.20 | 7.56 | 4.24 | 3.04 | 2.44 | 2.08 | 1.13 | 0.61 |
| | W | 239.30 | 152.98 | 123.70 | 70.00 | 43.74 | 24.68 | 17.81 | 14.39 | 12.34 | 6.77 | 3.67 |
| 5.25V | A | 40.80 | 25.88 | 20.92 | 11.88 | 7.38 | 4.16 | 3.01 | 2.41 | 2.05 | 1.13 | 0.60 |
| | W | 227.99 | 145.93 | 118.97 | 68.17 | 42.72 | 24.27 | 17.67 | 14.25 | 12.21 | 6.75 | 3.59 |
| 5.40V | A | 38.57 | 24.36 | 19.72 | 11.44 | 7.16 | 4.07 | 2.93 | 2.35 | 1.98 | 1.10 | 0.59 |
| | W | 215.60 | 137.39 | 112.18 | 65.64 | 41.48 | 23.72 | 17.19 | 13.90 | 11.78 | 6.55 | |

Physical specification:

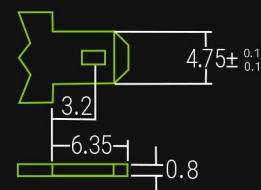
| | | |
|------------------------|------------------|---------------------------|
| Nominal Voltage | | 6V |
| Nominal Capacity(20HR) | | 12AH |
| Dimensions | Length | 151±1 mm (5.94 inches) |
| | Width | 50±1 mm (1.97 inches) |
| | Container Height | 94±2 mm (3.70 inches) |
| | Total Height | 100±2 mm (3.94 inches) |
| Weight | | Approx 1.65 kg (3.63 lbs) |
| Standard terminal | | F1 |

Dimensions (mm):



Terminal type:

Standard Terminal
F1 (Fasten Tab No.187A)



(in mm)