

Green Cell

GC AGM09

Product card

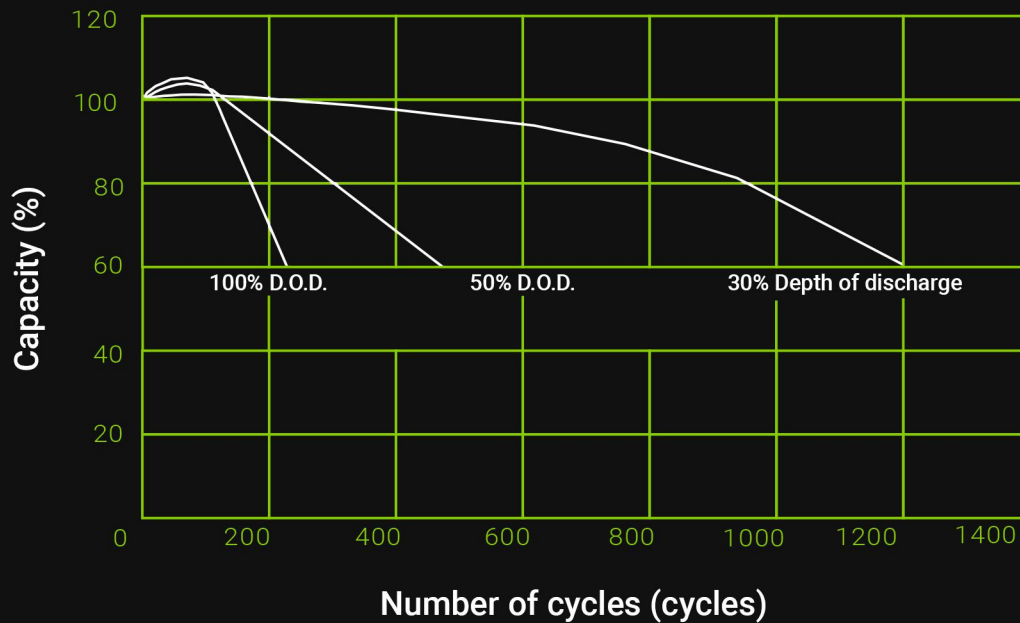


Electrical Specification:

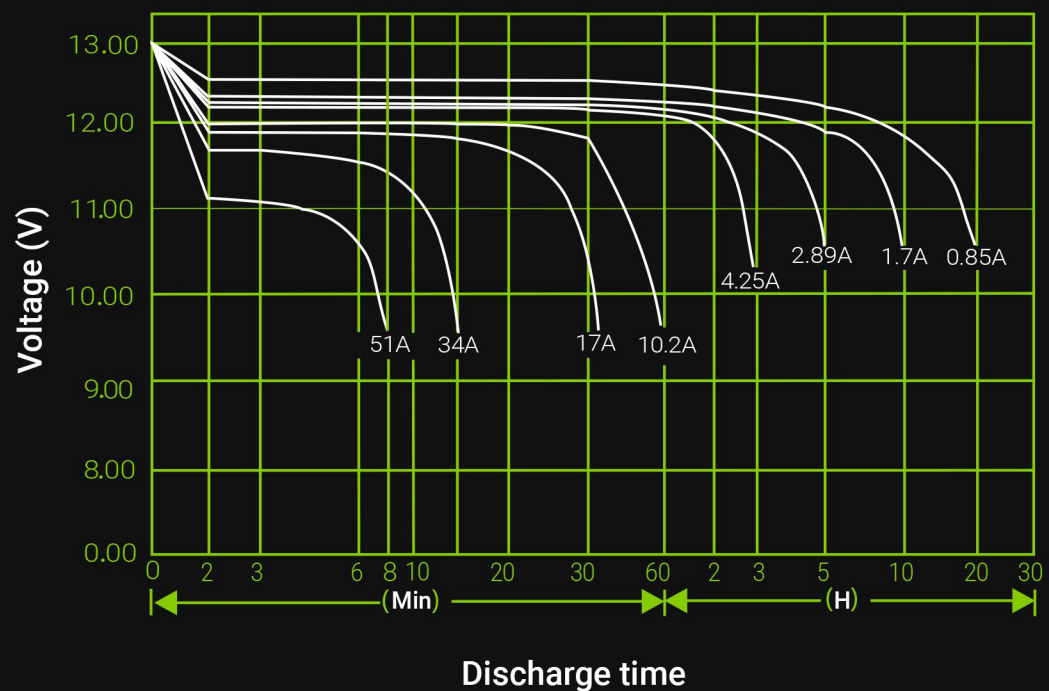
| | | |
|---|-------------------------------------|--------|
| Capacity 25°C (77°F) | 20hour rate(0.85A) | 18.0Ah |
| | 27min rate(17A) | 7.65Ah |
| | 7min rate(51A) | 5.95Ah |
| Capacity Affected by Temperature (20hour rate) | 40°C (104°F) | 102% |
| | 25°C (77°F) | 100% |
| | 0°C (32°F) | 85% |
| | -15°C (5°F) | 65% |
| Internal Resistance | full charged battery 25°C (77°F) | 20mΩ |
| 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 5.1A 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):



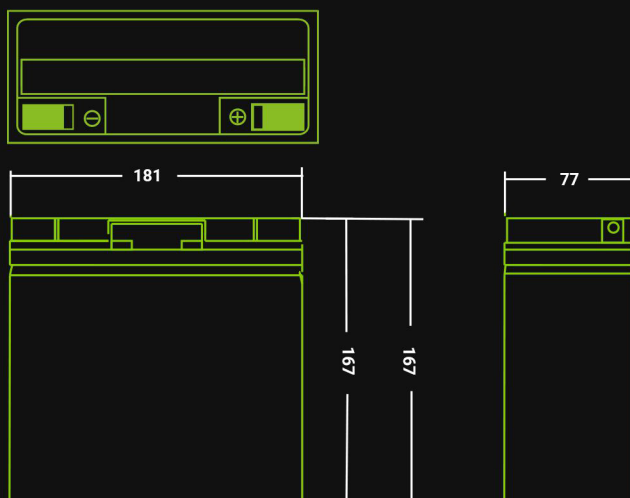
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

| time | | 5min | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 10h | 20h |
|--------|---|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 9.60V | A | 65.62 | 41.51 | 32.86 | 18.21 | 11.22 | 6.14 | 4.44 | 3.55 | 3.01 | 1.62 | 0.88 |
| | W | 732.58 | 467.61 | 373.43 | 208.73 | 129.75 | 71.46 | 52.02 | 41.94 | 35.76 | 19.29 | 10.48 |
| 9.90V | A | 63.58 | 40.24 | 32.01 | 17.75 | 10.97 | 6.07 | 4.37 | 3.50 | 2.98 | 1.61 | 0.87 |
| | W | 710.06 | 453.41 | 363.90 | 203.53 | 126.84 | 70.69 | 51.24 | 41.35 | 35.37 | 19.22 | 10.44 |
| 10.20V | A | 60.69 | 38.45 | 30.82 | 17.29 | 10.71 | 6.00 | 4.30 | 3.45 | 2.94 | 1.61 | 0.87 |
| | W | 678.03 | 433.45 | 350.50 | 198.34 | 123.94 | 69.92 | 50.46 | 40.76 | 34.97 | 19.17 | 10.40 |
| 10.50V | A | 57.80 | 36.67 | 29.63 | 16.83 | 10.46 | 5.90 | 4.27 | 3.42 | 2.91 | 1.60 | 0.85 |
| | W | 645.97 | 413.48 | 337.08 | 193.14 | 121.03 | 68.76 | 50.08 | 40.38 | 34.58 | 19.11 | 10.16 |
| 10.80V | A | 54.64 | 34.51 | 27.93 | 16.20 | 10.15 | 5.76 | 4.15 | 3.33 | 2.81 | 1.55 | 0.83 |
| | W | 610.85 | 389.27 | 317.85 | 185.99 | 117.53 | 67.20 | 48.70 | 39.38 | 33.38 | 18.55 | 9.96 |

Physical specification:

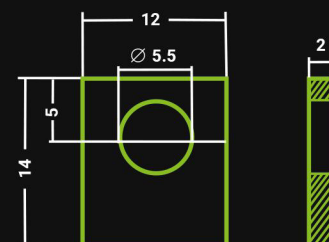
| | | |
|------------------------|------------------|----------------------------|
| Nominal Voltage | | 12V |
| Nominal Capacity(20HR) | | 18AH |
| Dimensions | Length | 181±1 mm (7.12 inches) |
| | Width | 77±1 mm (3.03 inches) |
| | Container Height | 167±2 mm (6.57 inches) |
| | Total Height | 167±2 mm (6.57 inches) |
| Weight | | Approx 4.80 kg (10.56 lbs) |
| Standard terminal | | F3 |

Dimensions (mm):



Terminal type:

Standard Terminal (F4)



(in mm)