

Green Cell

GC AGM44

Product card

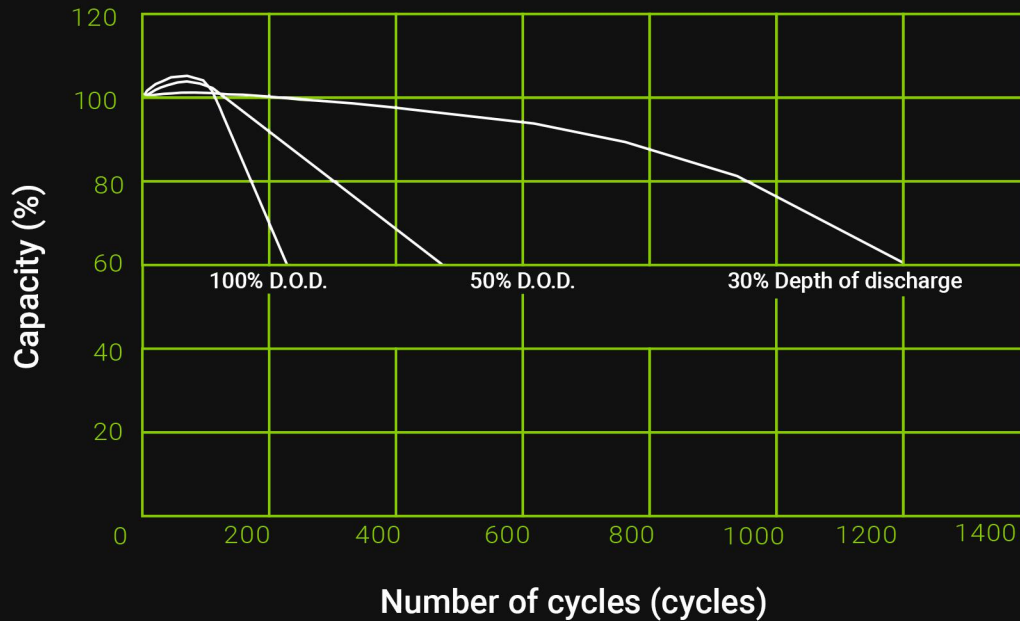


Electrical Specification:

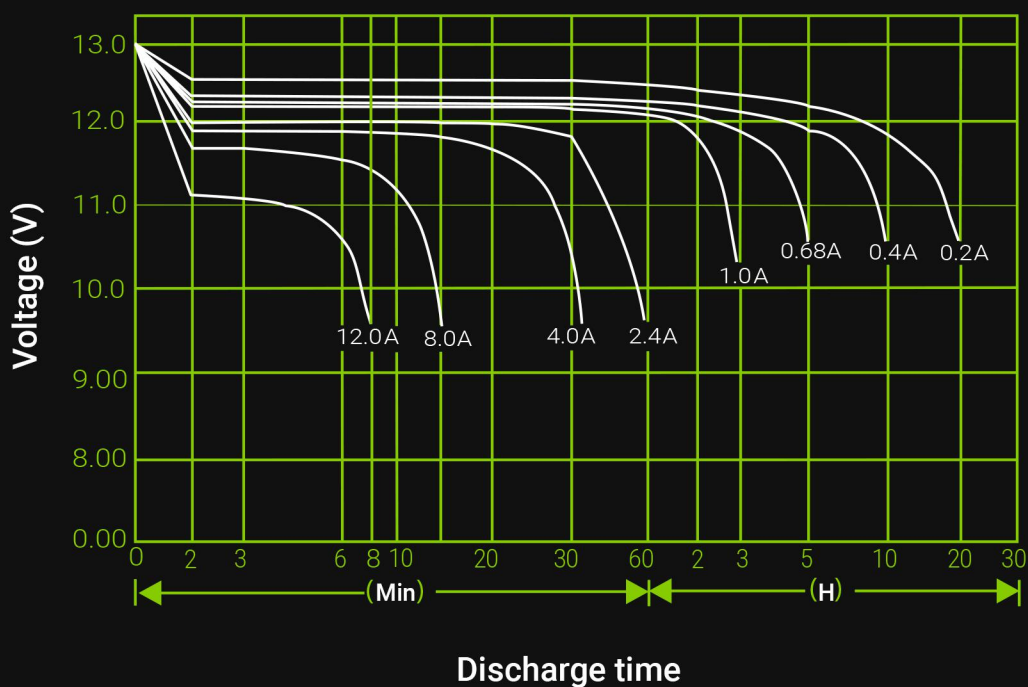
| | | |
|---|-------------------------------------|-------|
| Capacity 25°C (77°F) | 20hour rate(0.2A) | 4.5Ah |
| | 27min rate(4.0A) | 1.8Ah |
| | 7min rate(12.0A) | 1.4Ah |
| Capacity Affected by Temperature (20hour rate) | 40°C (104°F) | 102% |
| | 25°C (77°F) | 100% |
| | 0°C (32°F) | 85% |
| | -15°C (5°F) | 65% |
| Internal Resistance | full charged battery 25°C (77°F) | 50mΩ |
| 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 1.2A 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):



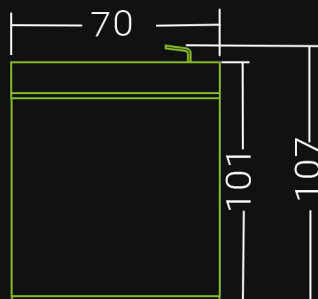
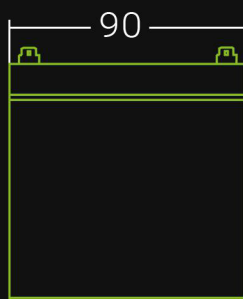
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

| time | | 5min | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 10h | 20h |
|--------|---|--------|--------|-------|-------|-------|-------|-------|------|------|------|------|
| 9.60V | A | 15.44 | 9.77 | 7.73 | 4.28 | 2.64 | 1.44 | 1.04 | 0.84 | 0.71 | 0.38 | 0.21 |
| | W | 172.37 | 110.03 | 87.87 | 49.11 | 30.53 | 16.81 | 12.24 | 9.87 | 8.41 | 4.54 | 2.47 |
| 9.90V | A | 14.96 | 9.47 | 7.53 | 4.18 | 2.58 | 1.43 | 1.03 | 0.82 | 0.70 | 0.38 | 0.21 |
| | W | 167.07 | 106.69 | 85.62 | 47.89 | 29.85 | 16.63 | 12.06 | 9.73 | 8.32 | 4.52 | 2.46 |
| 10.20V | A | 14.28 | 9.05 | 7.25 | 4.07 | 2.52 | 1.41 | 1.01 | 0.81 | 0.69 | 0.38 | 0.20 |
| | W | 159.54 | 101.99 | 82.47 | 46.67 | 29.16 | 16.45 | 11.87 | 9.59 | 8.23 | 4.51 | 2.45 |
| 10.50V | A | 13.60 | 8.63 | 6.97 | 3.96 | 2.46 | 1.39 | 1.00 | 0.80 | 0.68 | 0.38 | 0.20 |
| | W | 151.99 | 97.29 | 79.31 | 45.44 | 28.48 | 16.18 | 11.78 | 9.50 | 8.14 | 4.50 | 2.39 |
| 10.80V | A | 12.86 | 8.12 | 6.57 | 3.81 | 2.39 | 1.36 | 0.98 | 0.78 | 0.66 | 0.37 | 0.20 |
| | W | 143.73 | 91.59 | 74.79 | 43.76 | 27.65 | 15.81 | 11.46 | 9.27 | 7.85 | 4.37 | 2.34 |

Physical specification:

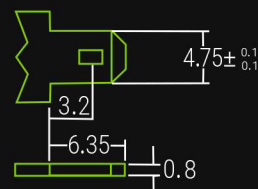
| | | |
|------------------------|------------------|--------------------------|
| Nominal Voltage | | 12V |
| Nominal Capacity(20HR) | | 4.5Ah |
| Dimensions | Length | 90±1 mm (3.54inches) |
| | Width | 70±1 mm (2.76 inches) |
| | Container Height | 101±2 mm (3.98 inches) |
| | Total Height | 107±2 mm (4.21 inches) |
| Weight | | Approx 1.35kg (2.97 lbs) |
| Standard terminal | | F1/F2 |

Dimensions (mm):

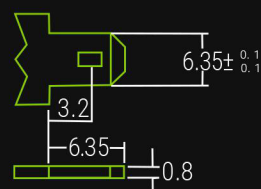


Terminal type:

Standard Terminal
F1 (Fasten Tab No.187A)



Standard Terminal
F2 (Fasten Tab No.250A)



(in mm)