

Green Cell

GC AGM30

Product card

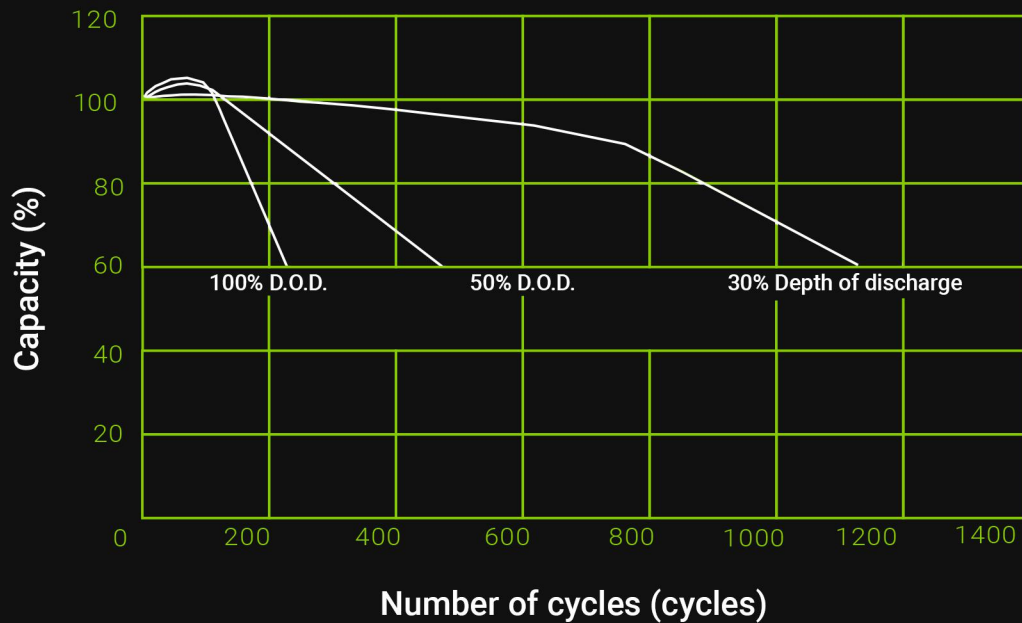


Electrical Specification:

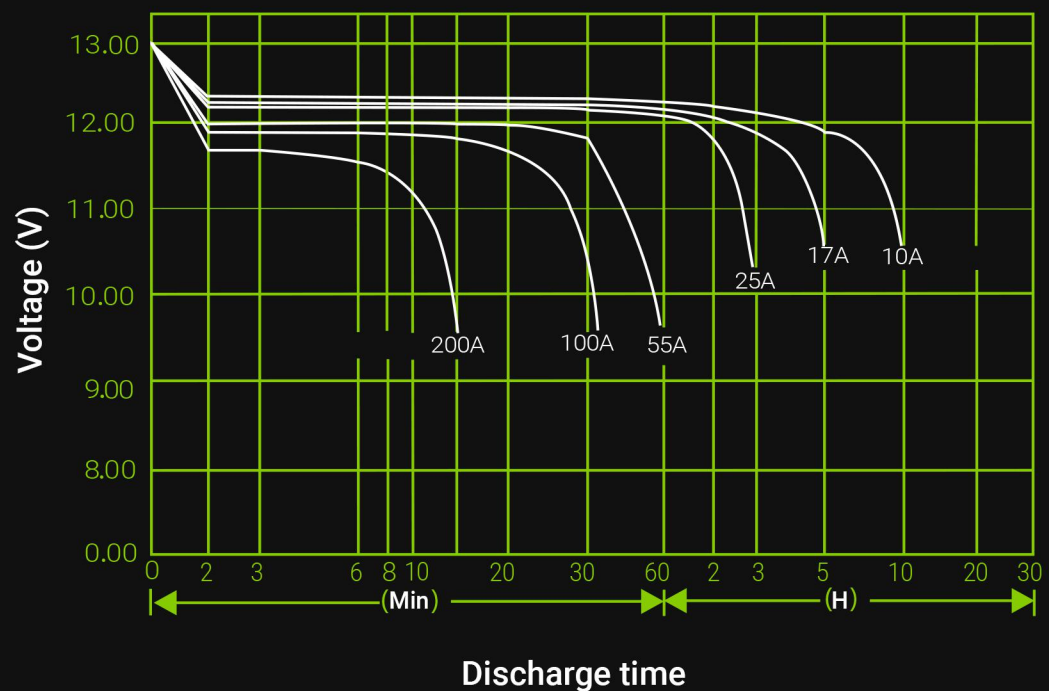
| | | |
|---|-------------------------------------|---------|
| Capacity 25°C (77°F) | 10hour rate(10A) | 100.0Ah |
| | 5hour rate(17A) | 87Ah |
| | 1hour rate(55A) | 60Ah |
| Capacity Affected by Temperature (20hour rate) | 40°C (104°F) | 102% |
| | 25°C (77°F) | 100% |
| | 0°C (32°F) | 85% |
| | -15°C (5°F) | 65% |
| Internal Resistance | full charged battery 25°C (77°F) | 8.5mΩ |
| 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 25A 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):



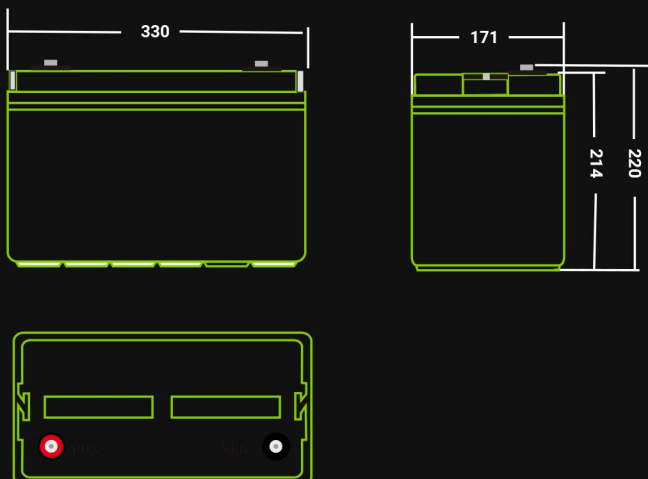
Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

| time | | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|--------|---|-------|-------|-------|------|------|------|------|------|------|-------|------|
| 9.60V | A | 210 | 165 | 100.0 | 62.0 | 36.5 | 25.5 | 20.9 | 17.8 | 12.2 | 10.2 | 5.3 |
| | W | 2245 | 1803 | 1115 | 703 | 421 | 298 | 245 | 210 | 145 | 120.6 | 63.9 |
| 9.90V | A | 204.0 | 161.0 | 98.0 | 61.1 | 36.3 | 25.4 | 20.8 | 17.7 | 12.2 | 10.2 | 5.3 |
| | W | 2189 | 1766 | 1097 | 695 | 419 | 297 | 245 | 209 | 145 | 121.0 | 63.9 |
| 10.20V | A | 195 | 155 | 95.0 | 59.5 | 36.0 | 25.2 | 20.6 | 17.6 | 12.1 | 10.1 | 5.3 |
| | W | 2100 | 1707 | 1067 | 679 | 417 | 295 | 243 | 208 | 144 | 120.0 | 63.8 |
| 10.50V | A | 187 | 150 | 92.7 | 58.0 | 35.5 | 25.0 | 20.5 | 17.5 | 12.0 | 10.1 | 5.3 |
| | W | 2020 | 1658 | 1045 | 664 | 412 | 293 | 242 | 207 | 142 | 120.0 | 63.4 |
| 10.80V | A | 176 | 142 | 89.3 | 56.5 | 34.6 | 24.3 | 19.9 | 17.0 | 11.6 | 10.0 | 5.3 |
| | W | 1906 | 1575 | 1010 | 649 | 402 | 286 | 235 | 202 | 138 | 119.0 | 63.0 |

Physical specification:

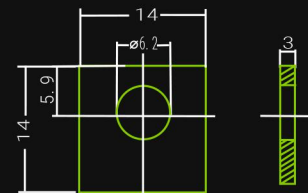
| | | |
|------------------------|------------------|---------------------------|
| Nominal Voltage | | 12V |
| Nominal Capacity(10HR) | | 100AH |
| Dimensions | Length | 330±1 mm (13.0 inches) |
| | Width | 171±1 mm (6.73 inches) |
| | Container Height | 214±2 mm (8.43 inches) |
| | Total Height | 224±2 mm (8.82 inches) |
| Weight | | Approx 27.5 kg (60.5 lbs) |
| Standard terminal | | B5/T1 |

Dimensions (mm):



Terminal type:

Standard Terminal B5



Standard Terminal T1



(in mm)