Green Cell

# GC AGM28

## Product card

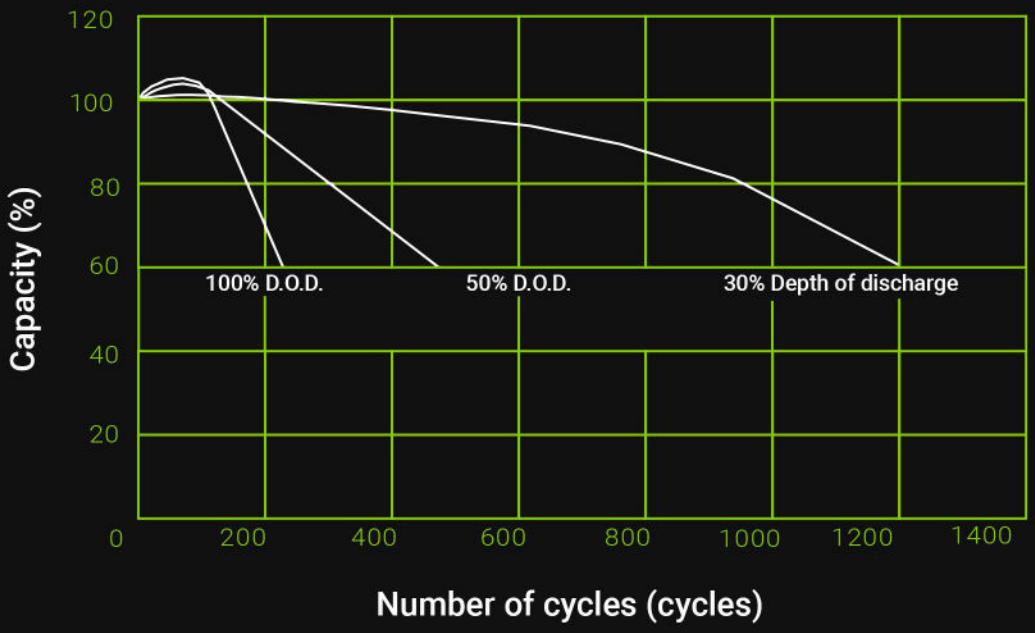



**Electrical Specification:**

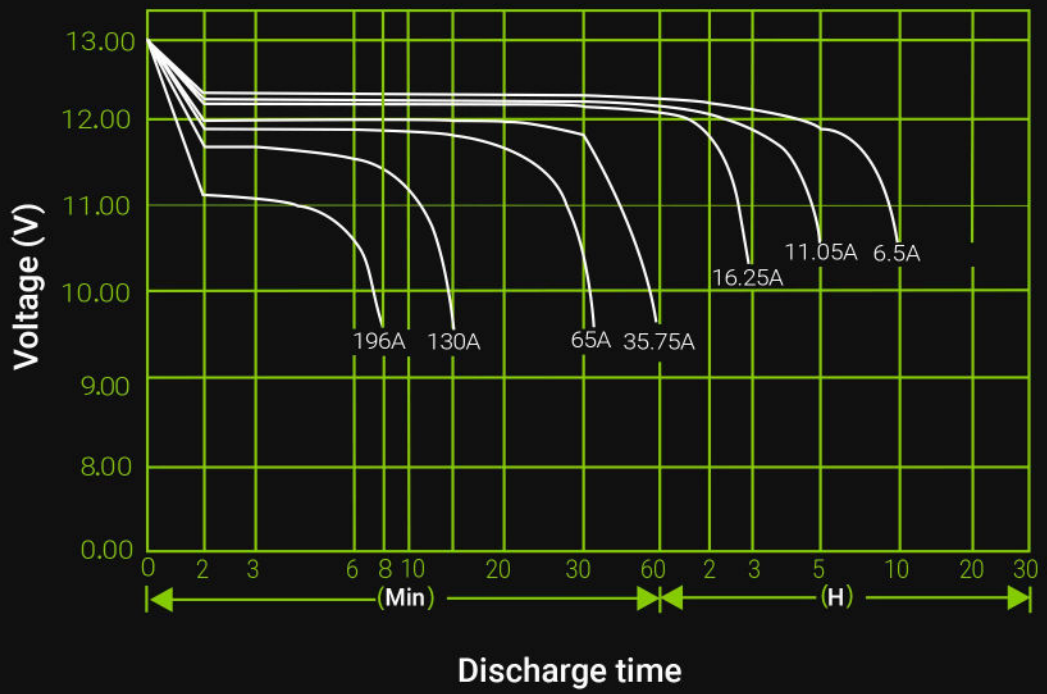
| | | |
|---|---|---|
| Capacity 25°C (77°F) | 10hour rate(6.50A) | 65.0Ah |
| | 5hour rate(11.05A) | 55.25Ah |
| | 1hour rate(35.75A) | 39.0Ah |
| Capacity Affected by Temperature (20hour rate) | 40°C (104°F) | 102% |
| | 25°C ( 77°F) | 100% |
| | 0°C ( 32°F) | 85% |
| | -15°C ( 5°F) | 65% |
| Internal Resistance | full charged battery 25°C ( 77°F) | 8mΩ |
| 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 16.25A<br>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):**



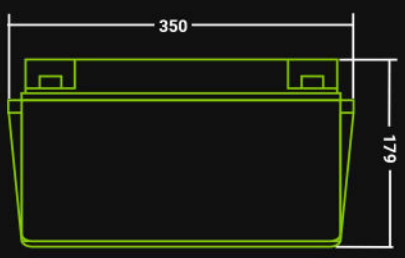
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

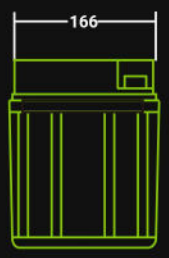
| time | | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9.60V | A | 139 | 109 | 65.7 | 40.7 | 24.0 | 16.7 | 13.6 | 11.6 | 7.9 | 6.6 | 3.5 |
| | W | 1487 | 1186 | 732 | 461 | 277 | 195 | 159 | 136 | 94 | 78.4 | 41.5 |
| 9.90V | A | 135 | 106 | 64.4 | 40.1 | 23.9 | 16.6 | 13.5 | 11.5 | 7.9 | 6.6 | 3.5 |
| | W | 1451 | 1162 | 720 | 456 | 275 | 194 | 159 | 136 | 94 | 78.6 | 41.5 |
| 10.20V | A | 129 | 102 | 62.4 | 39.1 | 23.7 | 16.5 | 13.4 | 11.4 | 7.9 | 6.6 | 3.5 |
| | W | 1393 | 1124 | 701 | 446 | 274 | 193 | 158 | 135 | 93 | 78.0 | 41.5 |
| 10.50V | A | 124 | 99 | 60.9 | 38.3 | 23.3 | 16.4 | 13.3 | 11.4 | 7.8 | 6.6 | 3.4 |
| | W | 1341 | 1092 | 686 | 438 | 271 | 192 | 157 | 135 | 93 | 78.0 | 41.2 |
| 10.80V | A | 117 | 94 | 58.7 | 37.1 | 22.8 | 15.9 | 12.9 | 11.1 | 7.5 | 6.5 | 3.4 |
| | W | 1267 | 1038 | 664 | 426 | 265 | 187 | 153 | 131 | 90 | 77.4 | 41.0 |

## Physical specification:

| | | |
|---|---|---|
| Nominal Voltage | | 12V |
| Nominal Capacity(10HR) | | 65AH |
| Dimensions | Length | 350±1 mm (13.8 inches) |
| | Width | 166±1 mm (6.54 inches) |
| | Container Height | 179±2 mm (7.05 inches) |
| | Total Height | 179±2 mm (7.05 inches) |
| Weight | | Approx 20.0 kg (44.0 lbs) |
| Standard terminal | | B3/T1 |

## Dimensions (mm):

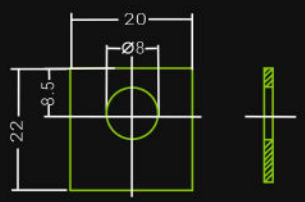


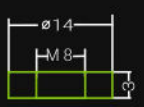



## Terminal type:

Standard Terminal B3




Standard Terminal T1




( in mm)