

# GC AGM33

## Product card

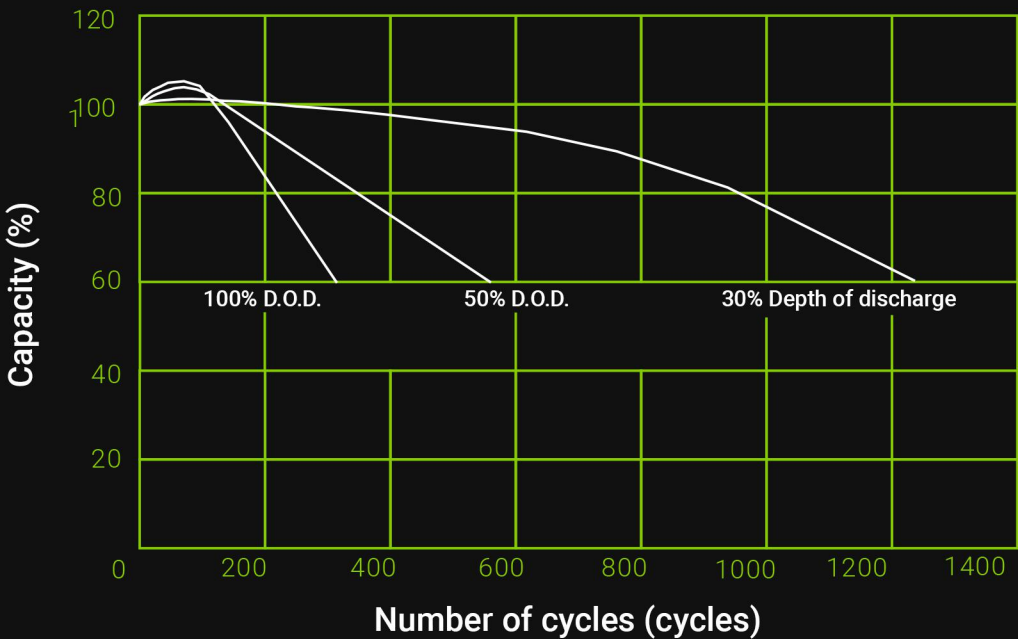


### Electrical Specification:

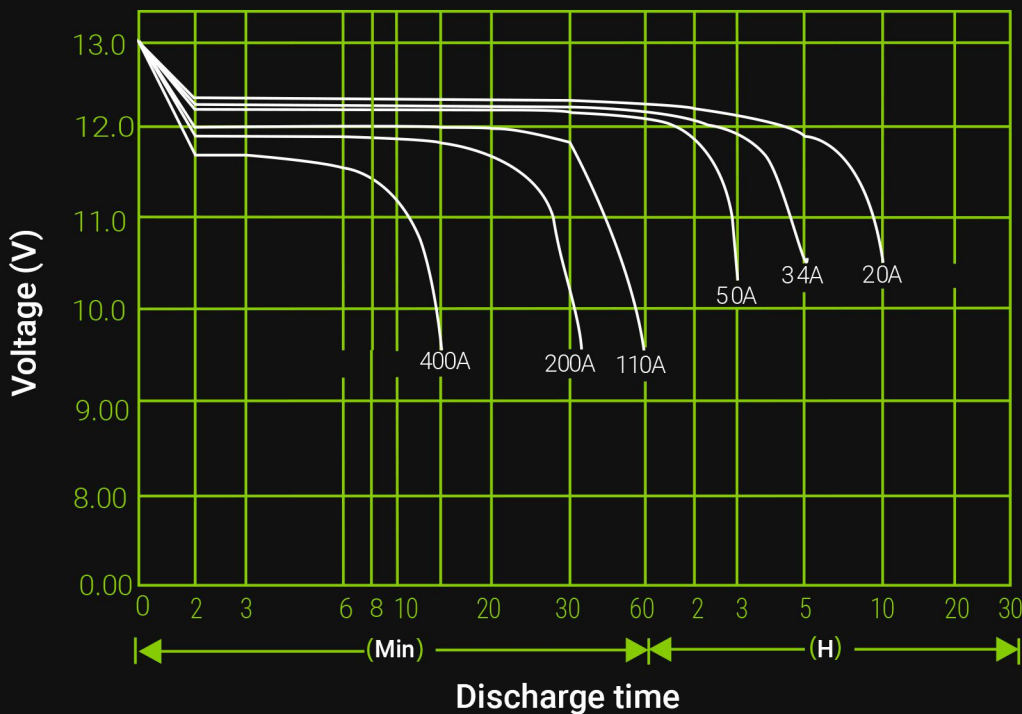
|                                                         |                                      |       |
|---------------------------------------------------------|--------------------------------------|-------|
| Capacity<br>25°C (77°F)                                 | 10hour rate(20A)                     | 198Ah |
|                                                         | 5hour rate(34A)                      | 168Ah |
|                                                         | 1hour rate(110A)                     | 118Ah |
| Capacity<br>Affected by<br>Temperature<br>(20hour rate) | 40°C (104°F)                         | 102%  |
|                                                         | 25°C ( 77°F)                         | 100%  |
|                                                         | 0°C ( 32°F)                          | 85%   |
|                                                         | -15°C ( 5°F)                         | 65%   |
| Internal<br>Resistance                                  | full charged battery<br>25°C ( 77°F) | 6mΩ   |
| Self-Discharge<br>at 25°C ( 77°F)                       | Capacity after 3 month storage       | 91 %  |
|                                                         | Capacity after 6 month storage       | 82 %  |
|                                                         | Capacity after 12 month storage      | 64 %  |

|                                 |       |                                                                  |
|---------------------------------|-------|------------------------------------------------------------------|
| Charge<br>(constant<br>Voltage) | Cycle | Initial Charging Current less than 50A<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):**



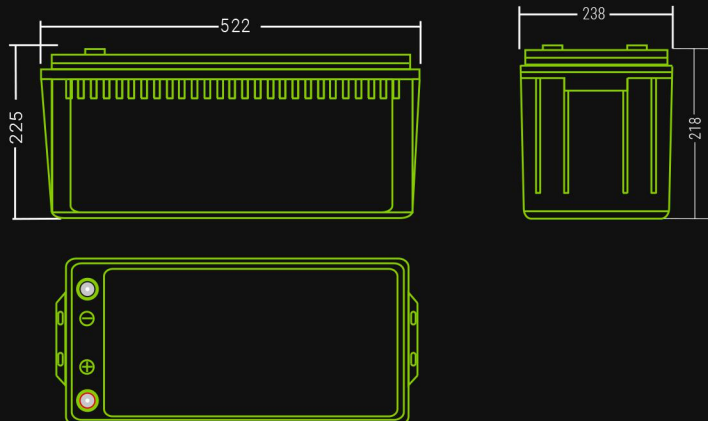
## Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C (77°F):

| time   |   | 10min | 15min | 30min | 1h    | 2h   | 3h   | 4h   | 5h   | 8h   | 10h   | 20h   |
|--------|---|-------|-------|-------|-------|------|------|------|------|------|-------|-------|
| 9.60V  | A | 420   | 330   | 200.0 | 124.0 | 73.0 | 51.0 | 41.8 | 35.6 | 24.4 | 20.4  | 10.7  |
|        | W | 4490  | 3607  | 2230  | 1406  | 842  | 596  | 490  | 419  | 289  | 241.1 | 127.8 |
| 9.90V  | A | 408.0 | 322.0 | 196.0 | 122.2 | 72.6 | 50.8 | 41.6 | 35.4 | 24.4 | 20.4  | 10.7  |
|        | W | 4378  | 3532  | 2193  | 1389  | 837  | 593  | 489  | 418  | 289  | 241.9 | 127.7 |
| 10.20V | A | 390   | 310   | 190.0 | 119.0 | 72.0 | 50.4 | 41.2 | 35.2 | 24.2 | 20.2  | 10.6  |
|        | W | 4200  | 3413  | 2134  | 1358  | 833  | 590  | 485  | 416  | 287  | 240.0 | 127.6 |
| 10.50V | A | 374   | 300   | 185.4 | 116.0 | 71.0 | 50.0 | 41.0 | 35.0 | 24.0 | 20.2  | 10.6  |
|        | W | 4039  | 3315  | 2089  | 1328  | 824  | 586  | 484  | 415  | 285  | 240.0 | 126.9 |
| 10.80V | A | 352   | 284   | 178.6 | 113.0 | 69.2 | 48.6 | 39.8 | 34.0 | 23.2 | 20.0  | 10.5  |
|        | W | 3812  | 3150  | 2020  | 1298  | 805  | 571  | 471  | 404  | 276  | 238.0 | 126.0 |

## Physical specification:

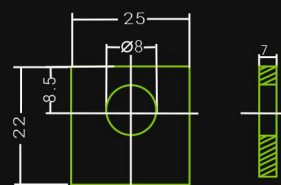
|                        |                  |                            |
|------------------------|------------------|----------------------------|
| Nominal Voltage        |                  | 12V                        |
| Nominal Capacity(10HR) |                  | 200AH                      |
| Dimensions             | Length           | 522±1 mm (20.6 inches)     |
|                        | Width            | 238±1 mm (9.37 inches)     |
|                        | Container Height | 218±2 mm (8.58 inches)     |
|                        | Total Height     | 25±2 mm (0.88 inches)      |
| Weight                 |                  | Approx 57.5 kg (126.5 lbs) |
| Standard terminal      |                  | B6/T3                      |

## Dimensions (mm):



## Terminal type:

Standard Terminal B6



Standard Terminal T3



(in mm)