

# DC224-6

(224AH/6 Volt)

Industry Reference: GC2



**DEEP CYCLE SERIES**



## CONSTANT CURRENT DISCHARGE (Amps)

| CUT OFF VOLTAGE V/cell | 30M   | 45M | 1H    | 2H   | 3H   | 5H   | 8H   | 10H  | 12H  | 20H  | 24H |
|------------------------|-------|-----|-------|------|------|------|------|------|------|------|-----|
| 1.75V                  | 197.6 | 148 | 119.1 | 66.1 | 48.9 | 34.2 | 23.5 | 19.4 | 16.6 | 11.2 | 9.5 |

## RESERVE CAPACITY

| @25 AMPS    | @75 AMPS    |
|-------------|-------------|
| 441 Minutes | 113 Minutes |

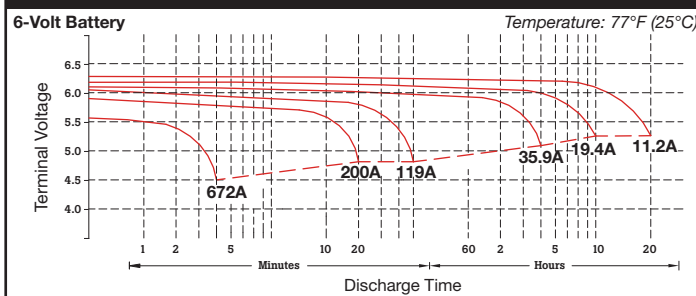
## SPECIFICATIONS

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| Nominal Voltage               |                                    | <b>6 Volt</b>             |
| Rated Capacity (20 hour rate) |                                    | <b>224 AH</b>             |
| <b>Dimensions</b>             | Total Height (including terminals) | <b>251 mm (9.88")</b>     |
|                               | Height                             | <b>245 mm (9.64")</b>     |
|                               | Length                             | <b>260 mm (10.24")</b>    |
|                               | Width                              | <b>180 mm (7.09")</b>     |
| Weight                        |                                    | <b>29.8 kg (65.7 lbs)</b> |

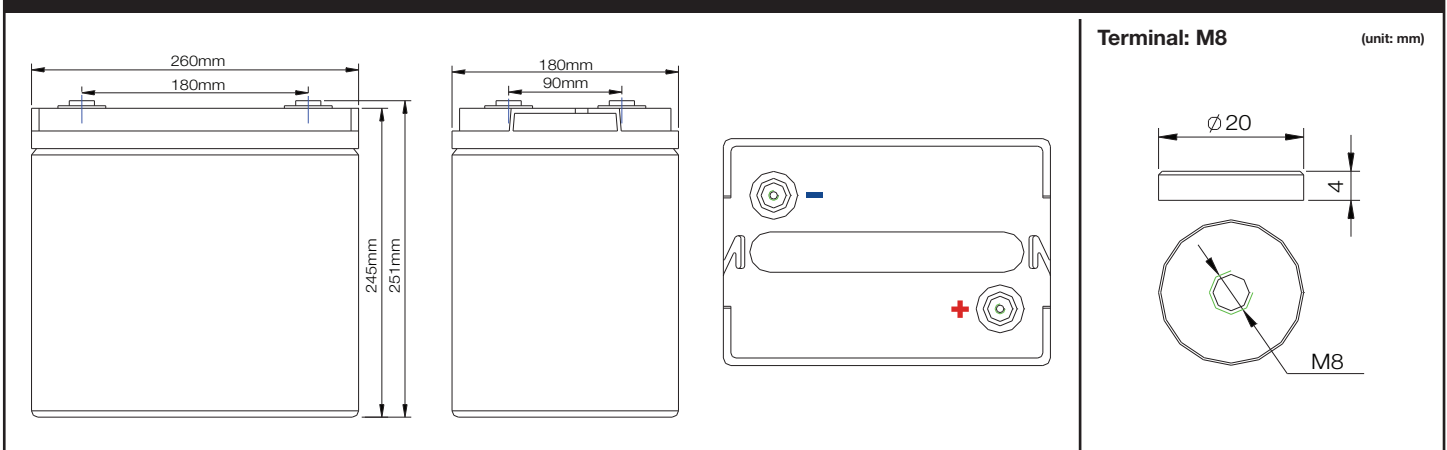
## CHARACTERISTICS

|   |                                    |   |
|---|------------------------------------|---|
| <b>Capacity</b><br>77°F (25°C)                            | 20 Hour Rate (11.2A to 5.25 Volts) | <b>224AH</b>  |
|   | 10 Hour Rate (19.4A to 5.25 Volts) | <b>194AH</b>  |
|   | 5 Hour Rate (35.9A to 5.1 Volts)   | <b>179AH</b>  |
| <b>Internal Resistance</b>                                | Full charged Battery 77°F (25°C)   | <b>1.7m Ω</b>   |
| <b>Capacity Affected by Temperature</b><br>(20 Hour Rate) | 104°F (40°C)                       | <b>102%</b>   |
|   | 77°F (25°C)                        | <b>100%</b>   |
|   | 32°F (0°C)                         | <b>85%</b>  |
|   | 5°F (-15°C)                        | <b>65%</b>  |
| <b>Self-Discharge</b><br>77°F(25°C)                       | Capacity after 3 month storage     | <b>91%</b>  |
|   | Capacity after 6 month storage     | <b>82%</b>  |
|   | Capacity after 12 month storage    | <b>64%</b>  |
| <b>Max. Discharge</b><br>Current 77°F (25°C)              | 2000A (5s)                         |   |
| <b>Terminal</b>   | <b>Standard</b>                    | M8  |
| <b>Charging</b><br>(Constant Voltage)                     | <b>Cycle</b>                       | Initial Charging Current $\leq 0.2 \times C20$<br>7.25 V ~ 7.45 V/77°F (25°C) |
|   | <b>Float</b>                       | 6.8 V ~ 6.9 V/77°F (25°C)   |

## DISCHARGE CHARACTERISTICS



## SIZE & DETAILED ILLUSTRATION



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