

# DC215-12

(215AH/12 Volt)

Industry Reference: J185



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                  | 195 | 148 | 112 | 66.1 | 50.6 | 33.7 | 22.7 | 19.3 | 16.5 | 10.8 | 9.1 |

## RESERVE CAPACITY

| @25 Amps    | @75 Amps    |
|-------------|-------------|
| 420 minutes | 110 minutes |

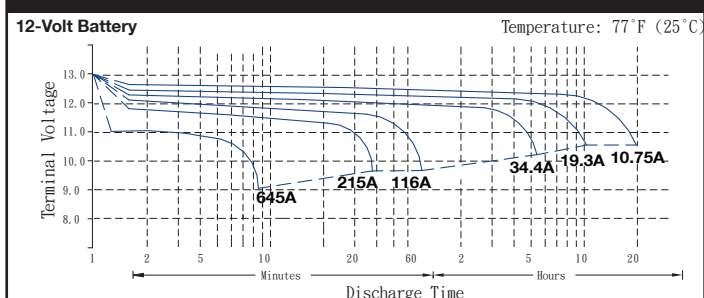
## SPECIFICATIONS

|                               |                                    |                   |
|-------------------------------|------------------------------------|-------------------|
| Nominal Voltage               |                                    | 12 Volt           |
| Rated Capacity (20 hour rate) |                                    | 215 AH            |
| Dimensions                    | Total Height (including terminals) | 372 mm (14.65")   |
|                               | Height                             | 352 mm (13.86")   |
|                               | Length                             | 381 mm (15.00")   |
|                               | Width                              | 178 mm (7.01")    |
| Weight                        |                                    | 60 kg (132.3 lbs) |

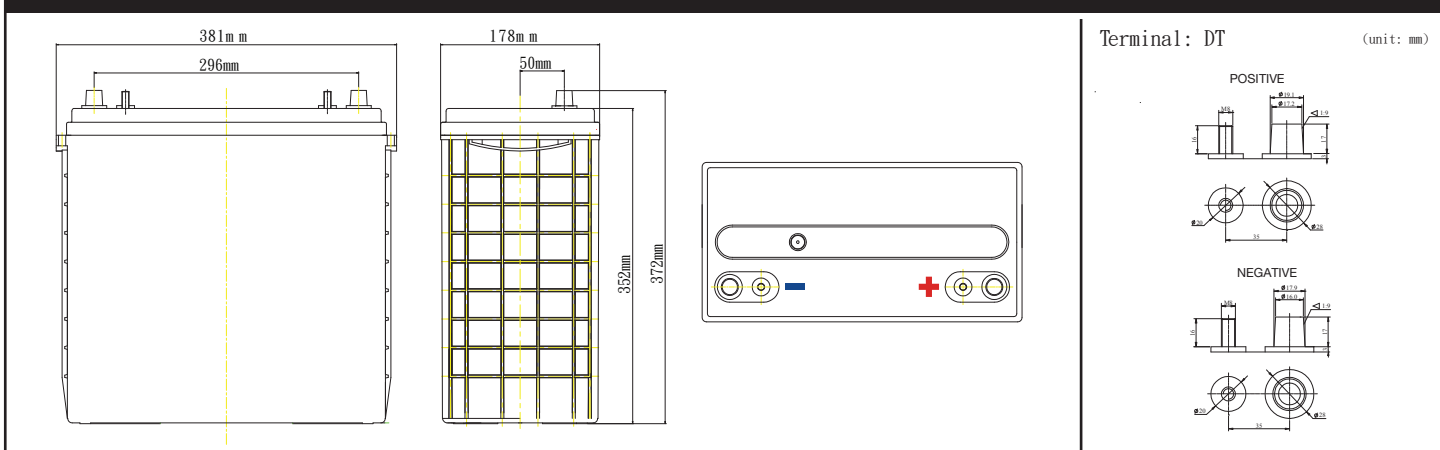
## CHARACTERISTICS

|  |                                     |   |
|--|-------------------------------------|---|
| Capacity<br>77°F (25°C)                            | 20 Hour Rate (10.75A to 10.5 Volts) | 215AH   |
|  | 10 Hour Rate (19.3A to 10.5 Volts)  | 193AH   |
|  | 5 Hour Rate (34.4A to 10.2 Volts)   | 172AH   |
| Internal Resistance                                | Full charged Battery 77°F (25°C)    | 2.3m Ω  |
| Capacity Affected by Temperature<br>(20 Hour Rate) | 104°F (40°C)                        | 102%  |
|  | 77°F (25°C)                         | 100%  |
|  | 32°F (0°C)                          | 85%   |
|  | 5°F (-15°C)                         | 65%   |
| Self-Discharge<br>77°F(25°C)                       | Capacity after 3 month storage      | 91%   |
|  | Capacity after 6 month storage      | 82%   |
|  | Capacity after 12 month storage     | 64%   |
| Max. Discharge Current 77°F (25°C)                 |                                     | 2000A (5s)  |
| Terminal   | Standard                            | DT  |
| Charging<br>(Constant Voltage)                     | Cycle                               | Initial Charging Current $\leq 0.2 \times C20$<br>14.5 V ~ 14.9 V/77°F (25°C) |
|  | Float                               | 13.6 V ~ 13.8 V/77°F (25°C)   |

## DISCHARGE CHARACTERISTICS



## SIZE & DETAILED ILLUSTRATION



This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modifications without notice.