



# FFD110-12

(Group Size: 31)

Deep Cycle Sealed  
Maintenance-Free  
AGM Battery



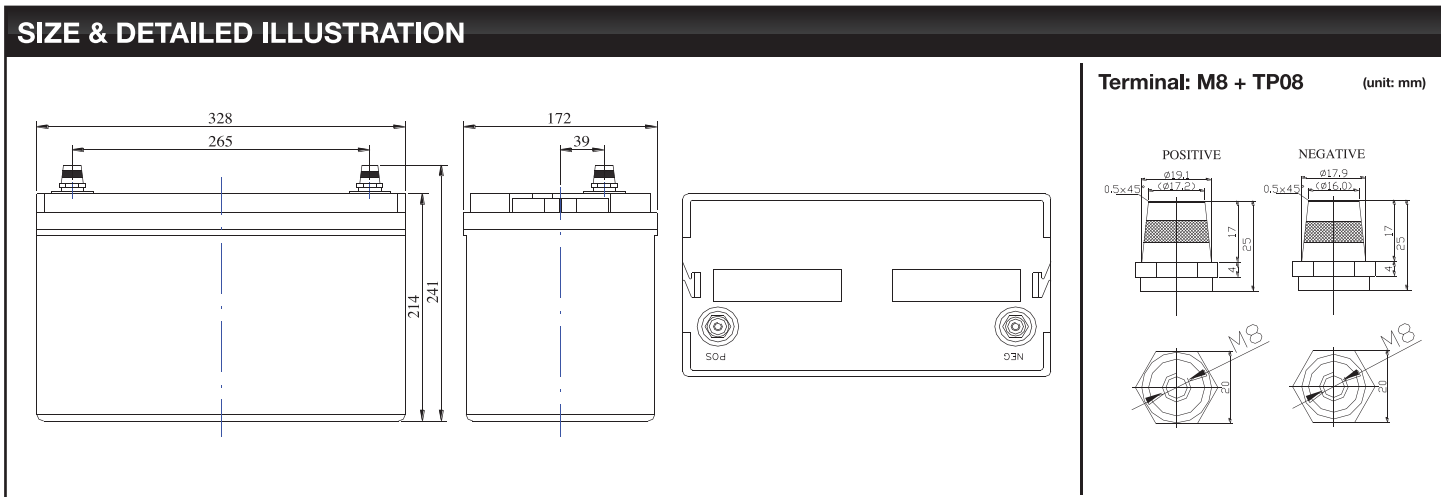
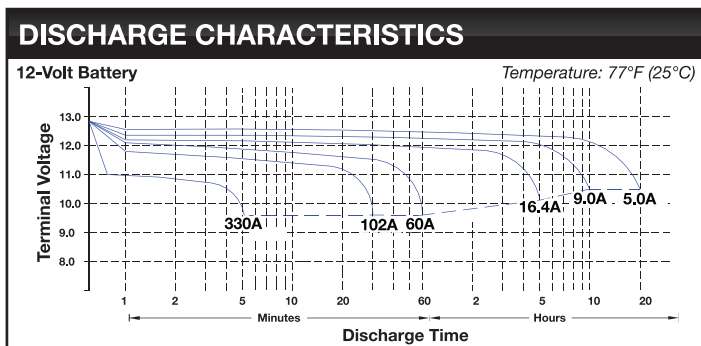
| CRANKING PERFORMANCE |         |
|----------------------|---------|
| CA 32°F              | CCA 0°F |
| 1050                 | 850     |

| RESERVE CAPACITY |            |
|------------------|------------|
| @25 AMPS         | @75 AMPS   |
| 205 Minutes      | 50 Minutes |

| CONSTANT CURRENT DISCHARGE (Amps) |     |     |     |      |      |    |      |      |     |     |     |     |
|-----------------------------------|-----|-----|-----|------|------|----|------|------|-----|-----|-----|-----|
| CUT OFF VOLTAGE V/cell            | 15M | 30M | 45M | 1H   | 2H   | 3H | 5H   | 8H   | 10H | 12H | 20H | 24H |
| 1.75V                             | 154 | 102 | 77  | 60.6 | 32.5 | 28 | 16.4 | 10.6 | 9   | 7.7 | 5   | 4.3 |

| SPECIFICATIONS                |                                    |                   |
|-------------------------------|------------------------------------|-------------------|
| Nominal Voltage               |                                    | 12 Volt           |
| Rated Capacity (20 hour rate) |                                    | 110 AH            |
| Dimensions                    | Total Height (including terminals) | 241 mm (9.49")    |
|                               | Height                             | 214 mm (8.43")    |
|                               | Length                             | 328 mm (12.91")   |
|                               | Width                              | 172 mm (6.77")    |
| Weight                        |                                    | 30 kg (66.14 lbs) |

| CHARACTERISTICS                                    |                                    |                                                                     |
|----------------------------------------------------|------------------------------------|---------------------------------------------------------------------|
| Capacity<br>77°F (25°C)                            | 20 Hour Rate (1.75A to 10.5 Volts) | 110AH                                                               |
|                                                    | 10 Hour Rate (9.0A to 10.5 Volts)  | 90AH                                                                |
|                                                    | 5 Hour Rate (16.4A to 10.2 Volts)  | 82AH                                                                |
| Internal Resistance                                | Full charged Battery 77°F (25°C)   | 9m 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)                 | 1600A (5s)                         |                                                                     |
| Terminal                                           | Standard                           | M8 + TP08                                                           |
| Charging<br>(Constant Voltage)                     | Cycle                              | Initial Charging Current ≤ 0.2 x C20<br>13.9 V ~ 14.2 V/77°F (25°C) |
|                                                    | Float                              | 13.3 V ~ 13.5 V/77°F (25°C)                                         |



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