

## Long 12V 12AH Rechargeable Sealed Lead Acid Battery

|                                                    |                                                                      |                           |
|----------------------------------------------------|----------------------------------------------------------------------|---------------------------|
| <b>Nominal Voltage (V)</b>                         | <b>12V</b>                                                           |                           |
| <b>Nominal Capacity</b>                            | 20 hour rate                                                         | (0.6A to 10.50V) 12Ah     |
|                                                    | 10 hour rate                                                         | (1.14A to 10.50V) 11.4Ah  |
|                                                    | 5 hour rate                                                          | (2.04A to 10.20V) 10.2Ah  |
|                                                    | 1 C                                                                  | (12A to 9.60V) 6.4Ah      |
|                                                    | 3 C                                                                  | (36A to 9.60V) 4.2Ah      |
| <b>Weight</b>                                      | Approx. 3.68kg(8.1Lbs.)                                              |                           |
| <b>Dimensions</b>                                  | Length (L)                                                           | 151±1 (5.94±0.04)         |
|                                                    | Width (W)                                                            | 98±1 (3.86±0.04)          |
|                                                    | Height (H)                                                           | 93±1 (3.66±0.04)          |
|                                                    | Overall Height (HT)                                                  | 98±1 (3.86±0.04)          |
| <b>Internal Resistance (at 1KHz)</b>               | Approx. 13 mΩ                                                        |                           |
| <b>Maximum Discharge Current for</b>               | 5 seconds: 180A                                                      |                           |
| <b>Charging Methods at 25°C(77°F)</b>              | Maximum Charging Current :                                           | 3.6A                      |
|                                                    | Standby use:<br>Float Charging Voltage<br>Coefficient -3.0mV/°C/cell | 13.5 to 13.8V             |
| <b>Operating Temperature Range</b>                 | Charge                                                               | -15°C(5°F) to 40°C(104°F) |
|                                                    | Discharge                                                            | -15°C(5°F) to 50°C(122°F) |
|                                                    | Storage                                                              | -15°C(5°F) to 40°C(104°F) |
| <b>Charge Retention (shelf life) at 20°C(68°F)</b> | 1 month                                                              | 92%                       |
|                                                    | 3 month                                                              | 90%                       |
|                                                    | 6 month                                                              | 80%                       |
| <b>Case Material</b>                               | ABS UL94 HB<br>Option: Flammability resistance of (UL94 V-0)         |                           |
| <b>Design Life</b>                                 | 3-5 Years.                                                           |                           |
| <b>Terminal</b>                                    | F1 or F2 (Faston Tab 187 or 250)                                     |                           |