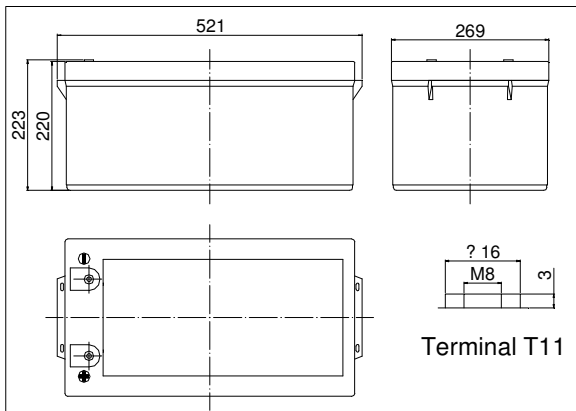
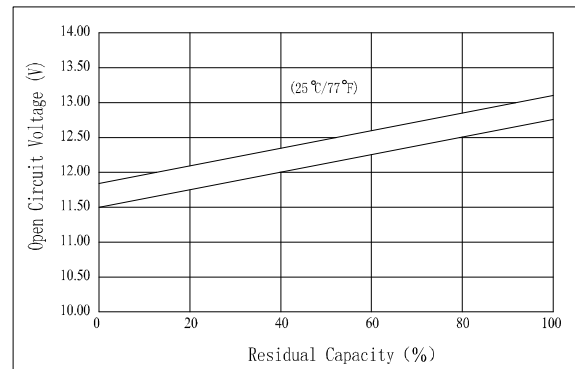


**Dimensions**



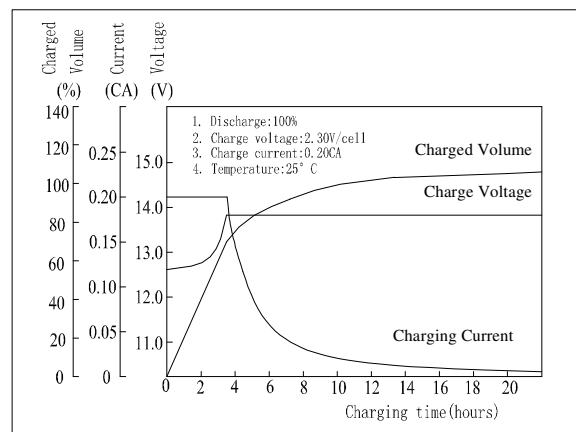
**The Relationship for Open Circuit Voltage and Residual Capacity (25 °C)**



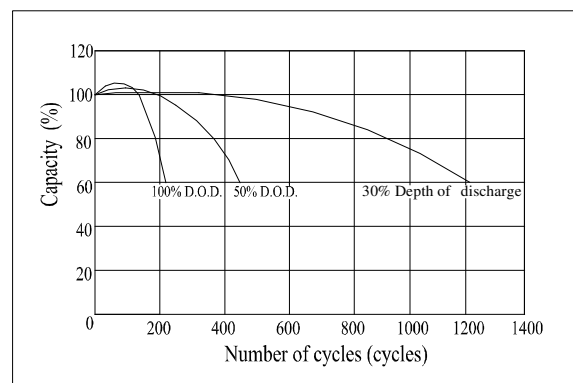
**Specifications**

|  |              |                                |
|--|--------------|--------------------------------|
| Nominal Voltage                            |              | 12V                            |
| Capacity (20hr@25 °C@1.8V/C)               |              | 264Ah                          |
| Dimensions                                 | Length       | 521mm (20.5inch)               |
|  | Width        | 269mm (10.6inch)               |
|  | Height       | 220mm (8.66inch)               |
|  | Total Height | 223mm (8.78inch)               |
| Approx. Weight                             |              | 74.5kg (164.3lbs)              |
| Maximum charging current                   |              | 75A                            |
| Maximum discharge current                  |              | 1800A (5sec.)                  |
| Internal resistance (Fully charged, 25 °C) |              | Approx. 2.6mΩ                  |
| Capacity affected by temperature (10hr)    | 40 °C        | 102%                           |
|  | 25 °C        | 100%                           |
|  | 0 °C         | 85%                            |
|  | -15 °C       | 65%                            |
| Self-discharge (25 °C)                     | 3 month      | Remaining Capacity: 91%        |
|  | 6 month      | Remaining Capacity: 82%        |
|  | 12 month     | Remaining Capacity: 65%        |
| Nominal operating temperature              |              | 25 °C ±3 °C (77 °F±5 °F)       |
| Operating temperature range                |              | -15 °C ~ 50 °C (5 °F ~ 122 °F) |
| Float charging voltage (25 °C)             |              | 13.65 to 13.80V                |
| Cyclic charging voltage (25 °C)            |              | 14.50 to 14.90V                |
| Terminal material                          |              | Copper                         |

**Charging Characteristics (25 °C)**



**Cycle Life (25 °C)**



**Constant Current Discharge Characteristics (Ampere / Battery, 25 °C)**

| F.V/TIME | 5min | 10min | 15min | 30min | 1h  | 3h   | 5h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-----|------|------|------|------|
| 9.60V    | 775  | 525   | 415   | 265   | 163 | 63,9 | 45,7 | 25,4 | 13,4 |
| 10.2V    | 736  | 499   | 398   | 254   | 156 | 63,0 | 45,0 | 25,2 | 13,3 |
| 10.8V    | 692  | 469   | 378   | 242   | 149 | 61,7 | 44,1 | 25,0 | 13,2 |

**Constant Power Discharge Characteristics (Watt / Battery, 25 °C)**

| F.V/TIME | 5min | 10min | 15min | 30min | 1h   | 3h  | 5h  | 10h | 20h |
|----------|------|-------|-------|-------|------|-----|-----|-----|-----|
| 9.60V    | 8138 | 5670  | 4557  | 2973  | 1858 | 752 | 540 | 303 | 161 |
| 10.2V    | 7731 | 5387  | 4374  | 2854  | 1784 | 741 | 532 | 300 | 159 |
| 10.8V    | 7267 | 5063  | 4156  | 2712  | 1695 | 726 | 521 | 300 | 158 |