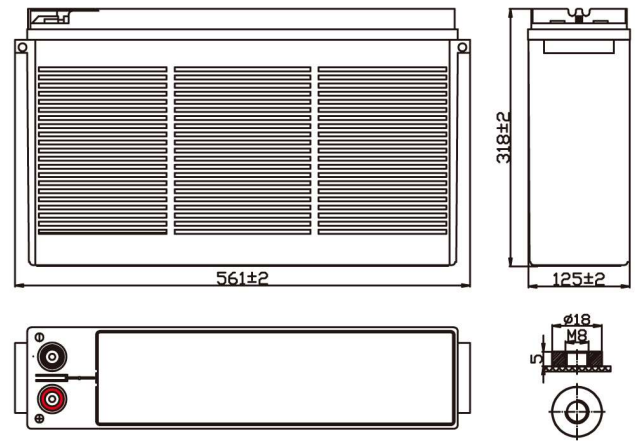


**VALVE REGULATED LEAD ACID RECHARGEABLE BATTERY**  
**DFT200-12 AGM**  
**FRONT TERMINAL**



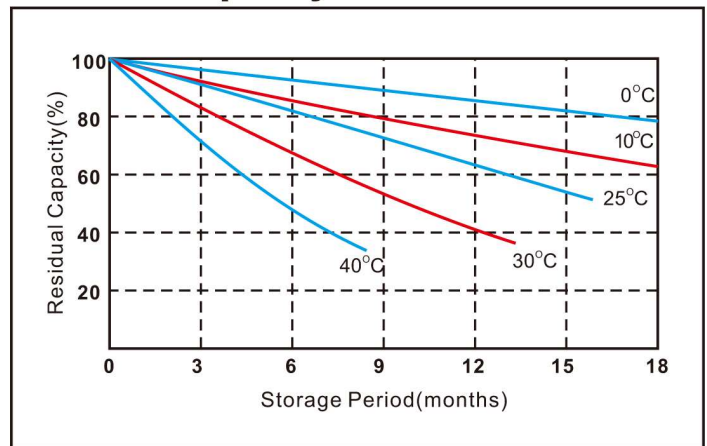
Unit:(mm) Terminal type:(T2)



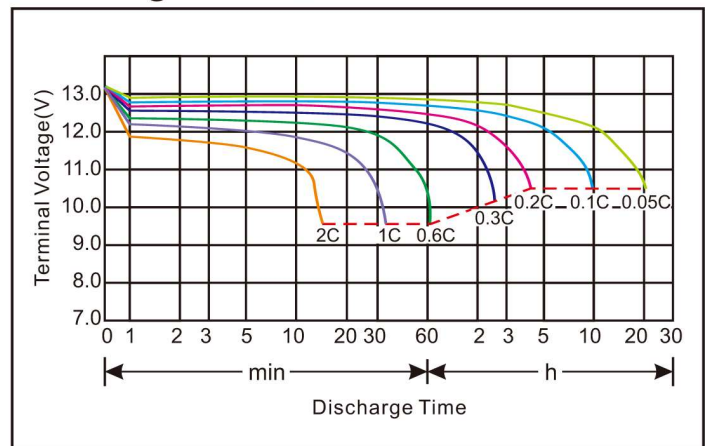
**Parameter Chart:**

| Volts                            |                                  | 12V  |  |
|----------------------------------|----------------------------------|--|--|
| Capacity(25°C)                   | 10 hours rate (20A)              | 200Ah  |  |
| Discharge Current Testing (25°C) | 1 hours rate (110A)              | 117Ah  |  |
|                                  | 3 hours rate (50A)               | 155Ah  |  |
| Internal Resistance              | Full Charged Battery 25°C        | 3.4mΩ  |  |
| Capacity Affected By Temperature | 40°C                             | 104%   |  |
|                                  | 25°C                             | 100%   |  |
|                                  | 0°C                              | 83%  |  |
|                                  | -15°C                            | 65%  |  |
| Residual Capacity (25°C)         | Capacity After 3 Months Storage  | 91%  |  |
|                                  | Capacity After 6 Months Storage  | 82%  |  |
|                                  | Capacity After 12 Months Storage | 65%  |  |
| Charge (Constant Voltage)        | Cycle (25°C)                     | Initial Charging Current Less Than 60A<br>Voltage 14.5~14.9V |  |
|                                  | Float (25°C)                     | Charge Voltage 13.6~13.8V                                    |  |
| Weight (Approx)                  |                                  | 59.5Kg   |  |

**Residual Capacity**



**Discharge Current 25°C**



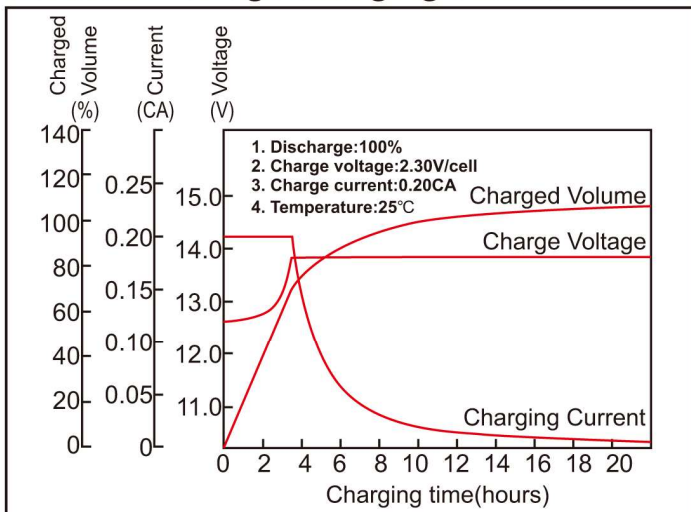
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.



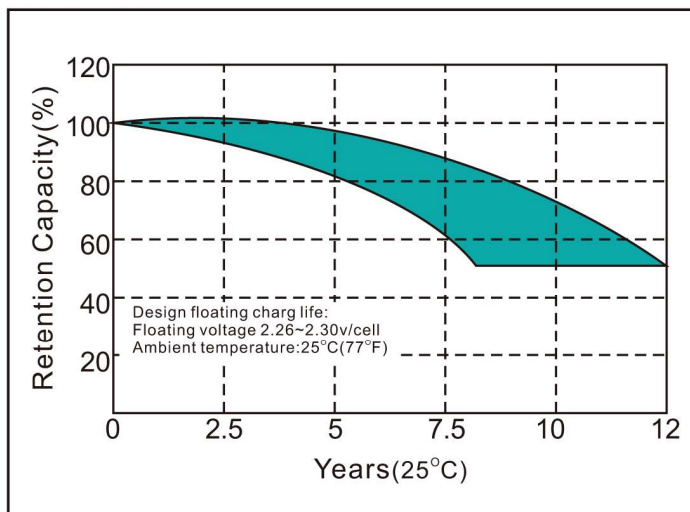
**DFT200-12 AGM**  
**FRONT TERMINAL**



**Constant voltage charging characteristics**



**Float Life**



**Constant Current Discharge Characteristics(A,25°C)**

| F.V/Time | 15min | 30min | 60min | 2h   | 3h   | 4h   | 5h   | 8h   | 10h  | 20h  |
|----------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.60V    | 352.2 | 207.5 | 116.2 | 74.0 | 50.7 | 42.9 | 35.2 | 24.3 | 20.3 | 10.4 |
| 10.2V    | 332.5 | 204.0 | 111.6 | 72.5 | 50.0 | 42.2 | 34.4 | 24.0 | 20.2 | 10.4 |
| 10.5V    | 314.8 | 198.0 | 108.7 | 71.0 | 49.0 | 41.3 | 33.6 | 23.8 | 20.1 | 10.3 |
| 10.8V    | 288.3 | 188.8 | 103.6 | 69.0 | 47.3 | 39.9 | 32.4 | 23.3 | 20.0 | 10.2 |

**Constant Power Discharge Characteristic(Watt,25°C)**

| F.V/Time | 15min  | 30min  | 60min  | 2h    | 3h    | 4h    | 5h    | 8h    | 10h   | 20h   |
|----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 9.60V    | 3874.2 | 2324.0 | 1278.2 | 814.0 | 557.3 | 472.3 | 387.2 | 266.8 | 223.3 | 114.4 |
| 10.2V    | 3724.0 | 2305.2 | 1227.6 | 797.5 | 550.0 | 464.2 | 378.4 | 264.0 | 222.2 | 114.4 |
| 10.5V    | 3557.2 | 2257.2 | 1195.7 | 781.0 | 539.0 | 454.3 | 369.6 | 261.3 | 221.1 | 113.3 |
| 10.8V    | 3400.6 | 2171.2 | 1139.6 | 759.0 | 520.7 | 438.5 | 356.4 | 255.8 | 220.0 | 112.2 |

**Capacity Factors With Different Temperature**

| Battery Type |     | -20°C | -10°C | 0°C | 5°C | 10°C | 20°C | 25°C | 30°C | 40°C | 45°C |
|--------------|-----|-------|-------|-----|-----|------|------|------|------|------|------|
| Battery      | 12V | 50%   | 70%   | 83% | 85% | 90%  | 98%  | 100% | 102% | 104% | 105% |

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.