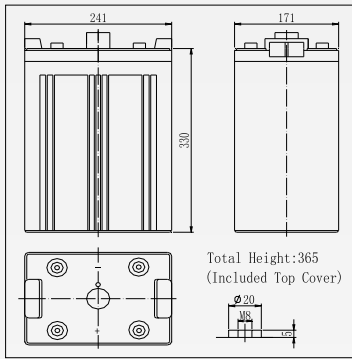


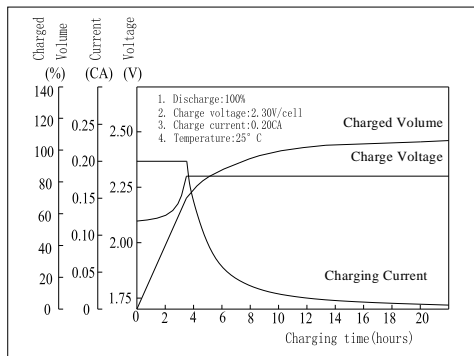
**Valve Regulated Lead Acid Battery**

|  |  |
|--|--|
| <p>MT25000<br/>2 volts 500Ah</p>  | <p>MT25000 having its design life of 20 years @ 20 degree Celsius for floating</p>     |
|  | <p>application and around 1200 cycles for 30% depth of discharge for cyclic</p>        |
|  | <p>application.</p>  |
|  | <p>As our product were all rechargeable , highly efficient, maintenance free &amp;</p> |
|  | <p>leakage proof usable in all positions and it meets the standards of JISC, BS,</p>   |
|  | <p>DIN, IEC etc.</p>   |
| <p>We're ISO9001certified &amp;UL approved as well as CE</p>   |  |
| <p>Our containers were all ABS resin and grades were : UL94-HB, UL94V-0 &amp;</p>                                  |  |
| <p>UL94V-2 (flame retardant types could be arranged).</p>  |  |

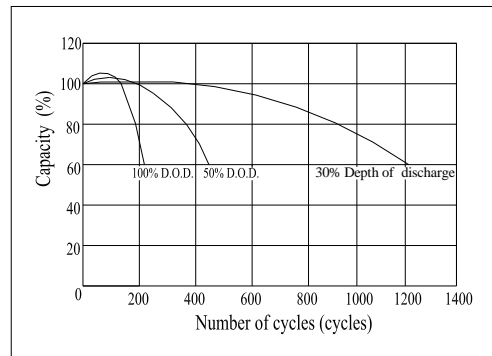
Specification

|                             |   |
|-----------------------------|---|
| Nominal voltage             | 2 volts   |
| Capacity                    | 500 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell) |
| Dimension                   | L: 241 mm W: 171 mm H: 330 mm TH: 365 mm                            |
| Weight approx.              | 31.5 kg or 69.5 pounds  |
| Internal resistance         | Approx. 0.40 m Ω  |
| Self-discharge rate         | Approx. 3% per month @ 25 degree Celsius                            |
| Operation temperature range | Discharged: -15 to 50 degree Celsius (5 to 122 degree F)            |
|                             | Charging: 5 to 35 degree Celsius (41 to 95 degree F)                |
|                             | Storage: 0 degree to 40 degree Celsius (32 to 104 degree F)         |
| Floating charge voltage     | 2.25 to 2.30 volts (-3mv / degree Celsius)                          |
| Cyclic charging voltage     | 2.42 to 2.48 volts (-4mv / degree Celsius)                          |
| Maximum charging current    | 100 ampere (A)  |
| Boost/equalizing charge     | Not required  |
| Terminal type               | Copper T10  |
| Container material          | General ABS resin   |

Charging Characteristics(25°C)



Cycle Life(25°C)



Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 3h  | 5h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-------|-----|------|------|------|
| 1.60V    | 1250 | 825   | 675   | 450   | 325   | 132 | 93.9 | 50.8 | 26.9 |
| 1.70V    | 1188 | 784   | 648   | 432   | 312   | 130 | 92.5 | 50.3 | 26.7 |
| 1.80V    | 1116 | 737   | 616   | 410   | 296   | 127 | 90.7 | 50.0 | 26.5 |

Constant Power Discharge Characteristics (Watt, 25 °C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 3h  | 5h  | 10h | 20h  |
|----------|------|-------|-------|-------|-------|-----|-----|-----|------|
| 1.60V    | 2188 | 1485  | 1235  | 842   | 618   | 259 | 185 | 101 | 53.8 |
| 1.70V    | 2079 | 1411  | 1186  | 808   | 593   | 255 | 182 | 100 | 53.3 |
| 1.80V    | 1953 | 1327  | 1127  | 767   | 563   | 250 | 179 | 100 | 53.0 |