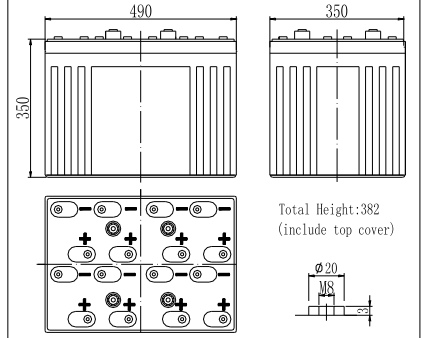
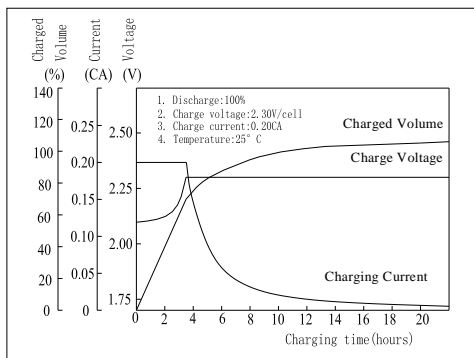
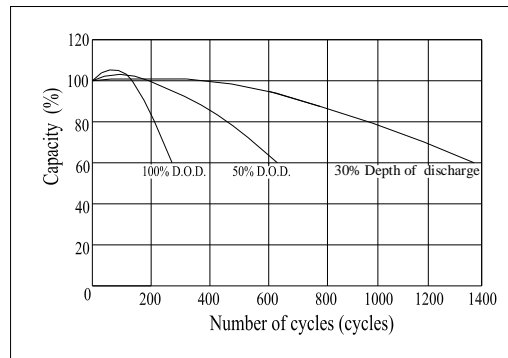


Valve Regulated Lead Acid Battery

| | |
|--|---|
| MT225000D 2 volts 2500Ah  | MT225000D having its design life of 20 years @ 20 degree Celsius for floating application and around 1400 cycles for 30% depth of discharge for cyclic application. |
| | As our product were all rechargeable , highly efficient, maintenance free & leakage proof usable in all positions and it meets the standards of JISC, BS, DIN, IEC etc. |
| | We're ISO9001certified &UL approved as well as CE |
| | Our containers were all ABS resin and grades were : UL94-HB, UL94V-0 & UL94V-2 (flame retardant types could be arranged). |

Specification

| | |
|-----------------------------|---|
| Nominal voltage | 2 volts |
| Capacity | 2500 ampere hours @20 °C, 10 hours rated (cut off voltage 1.80V/cell) |
| Dimension | L: 490 mm W: 350 mm H: 345 mm TH: 382 mm |
| Weight approx. | 138 kg or 304.3 pounds |
| Internal resistance | Approx. 0.11 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 | 500 ampere (A) |
| Boost/equalizing charge | Not required |
| Terminal type | Copper |
| 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 | 6250 | 4125 | 3375 | 2250 | 1625 | 647 | 462 | 254 | 133 |
| 1.70V | 5938 | 3919 | 3240 | 2160 | 1560 | 638 | 455 | 252 | 132 |
| 1.80V | 5581 | 3684 | 3078 | 2052 | 1482 | 625 | 446 | 250 | 131 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 3h | 5h | 10h | 20h |
|----------|-------|-------|-------|-------|-------|------|-----|-----|-----|
| 1.60V | 10938 | 7425 | 6176 | 4208 | 3088 | 1268 | 910 | 505 | 266 |
| 1.70V | 10391 | 7054 | 5929 | 4039 | 2964 | 1250 | 896 | 500 | 264 |
| 1.80V | 9767 | 6631 | 5633 | 3837 | 2816 | 1225 | 878 | 498 | 263 |