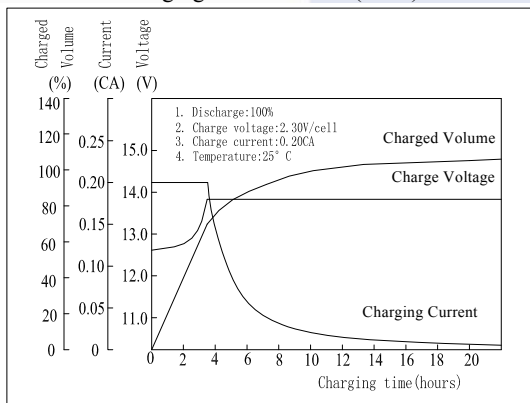
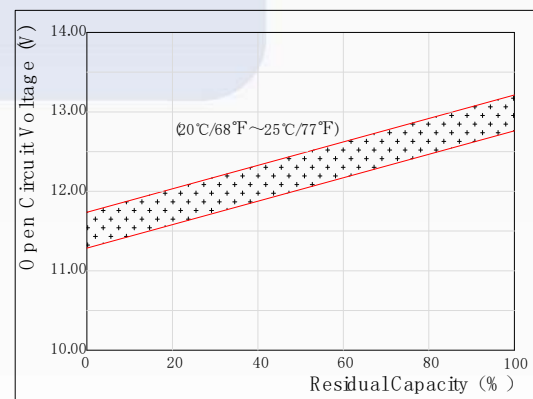


|  |   |
|--|---|
| <p>MT122050<br/>12 Volts 205Ah</p>   | MT122050 having its design life of 12 years @ 20°C for floating                             |
|  | application and around 1800 cycles for 30% depth of discharge for cyclic                    |
|  | application.  |
|  | As our product were all rechargeable, highly efficient, maintenance free &                  |
|  | leakage proof usable in all positions and it meets the standards of JISC, BS, DIN, IEC etc. |
| <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; UL94V-2 (flame retardant types could be arranged).</p> |   |

**Specification**

|                             |   |
|-----------------------------|---|
| Nominal voltage             | 12 Volts  |
| Capacity                    | 205 Ampere hours @ 20□, 10 hours rated (cut off voltage 1.80V/Cell) |
| Dimension                   | L: 522 mm W: 238 mm H: 218 mm TH: 238 mm (T5) / 221mm (T9)          |
| Weight approx.              | 60 kg or 132 pounds   |
| Internal resistance         | Approx. 3 mΩ  |
| Self-discharge rate         | Approx. 3% per month @ 25°C   |
| Operation temperature range | Discharged: -15°C to 60°C   |
|                             | Charging: 5°C to 65°C   |
|                             | Storage: 0°C to 60°C  |
| Floating charge voltage     | 13.50 to 13.80 Volts (-15mv / °C)                                   |
| Cyclic charging voltage     | 14.50 to 14.90 Volts (-20mv / °C)                                   |
| Maximum charging current    | 60 Ampere (A)   |
| Boost/equalizing charge     | Not required  |
| Terminal type               | Copper T5/T11   |
| Container material          | General ABS resin   |

**Charging Characteristics(25°C)**

**Open Circuit Voltage vs Residual Capacity (25□)**

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

| FV/TIME | 5min | 10min | 15min | 30min | 60min | 3h   | 5h   | 10h  | 20h  |
|---------|------|-------|-------|-------|-------|------|------|------|------|
| 9.60V   | 653  | 432   | 371   | 211   | 130   | 55.2 | 38.3 | 20.4 | 10.7 |
| 10.20V  | 621  | 411   | 356   | 203   | 125   | 53.7 | 37.1 | 20.3 | 10.6 |
| 10.80V  | 582  | 385   | 338   | 192   | 119   | 52.6 | 36.4 | 20.0 | 10.5 |

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

| FV/TIME | 5min | 10min | 15min | 30min | 60min | 3h  | 5h  | 10h | 20h |
|---------|------|-------|-------|-------|-------|-----|-----|-----|-----|
| 9.60V   | 6859 | 4667  | 4083  | 2367  | 1489  | 642 | 446 | 243 | 128 |
| 10.20V  | 6516 | 4443  | 3919  | 2273  | 1432  | 632 | 439 | 242 | 128 |
| 10.80V  | 6125 | 4167  | 3723  | 2159  | 1358  | 620 | 431 | 241 | 126 |