



VRLA Rechargeable Battery

BP7.5-12



FEATURES

- Maintenance Free (topping up not needed)
- Non-spillable (no free electrolyte)
- Low Self Discharge, less than 3% per month
- both Vertical & Horizontal installations


APPLICATIONS

- UPS
- Laboratory Equipment
- Fishing Lights
- Toy-Cars
- Power Packs




SPECIFICATIONS

| | |
|-----------------------------|--|
| Nominal Voltage | 12 V |
| Nominal Capacity | 7.5Ah @ 20 hour rate F.V.(1.75V/cell) |
| Approx. Weight | 2650g(5.84lbs.) |
| Terminals | T2 (Faston Tab 250) T1 is optional |
| Internal Resistance | ≤25mΩ (Fully Charged) |
| Max. Discharge Current | 112.5 A (5 sec.) |
| Max. Charge Current | 2.25 A |
| Operating Temperature Range | Charge: 0°C~40°C(32°F~104°F) Discharge: -20°C~50°C(-4°F~122°F) Storage: -20°C~40°C(-4°F~104°F) |
| Container Material | Standard: ABS(UL94 HB) BP7.5-12 Optional: Flame Retardant ABS(UL94 V-0) BP7.5-12FR |

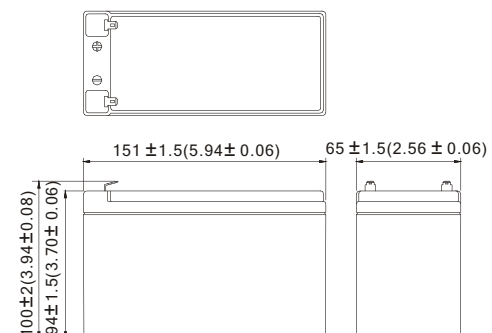
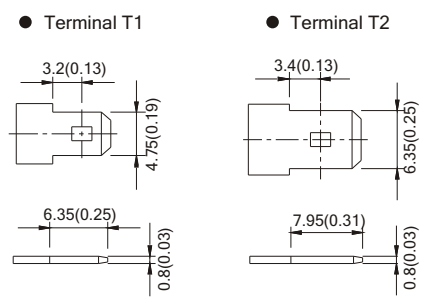


MH19884



C4M20310-2474-E-16

- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

| DIMENSION(mm/inch) | OUTER DIMENSIONS | TERMINAL TYPE |
|---|---|--|
| <ul style="list-style-type: none"> ■ Length 151±1.5 (5.94±0.06) ■ Width 65±1.5 (2.56±0.06) ■ Container Height 94±1.5 (3.70±0.06) ■ Total Height 100±2.0 (3.94±0.08) |  | <ul style="list-style-type: none"> ● Terminal T1 ● Terminal T2  |

Constant power discharge characteristics at 25 °C/77 °F Unit: W

| F.V. (V/cell) \ Discharge Time | 5 Min | 10 Min | 15 Min | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|--------------------------------|-------|--------|--------|--------|------|------|-------|-------|-------|
| 1.80V | 271 | 200 | 160 | 95.2 | 54.6 | 21.9 | 15.07 | 8.42 | 4.43 |
| 1.75V | 314 | 216 | 167 | 98.8 | 56.2 | 22.3 | 15.30 | 8.55 | 4.50 |
| 1.70V | 333 | 224 | 173 | 101.1 | 57.2 | 22.5 | 15.38 | 8.59 | 4.52 |
| 1.65V | 348 | 229 | 176 | 102.5 | 57.9 | 22.7 | 15.44 | 8.62 | 4.54 |
| 1.60V | 360 | 234 | 180 | 103.5 | 58.5 | 22.8 | 15.48 | 8.62 | 4.54 |

Constant current discharge characteristics at 25 °C/77 °F Unit: A

| F.V. (V/cell) \ Discharge Time | 5 Min | 10 Min | 15 Min | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|--------------------------------|-------|--------|--------|--------|------|------|-------|-------|-------|
| 1.80V | 24.4 | 17.6 | 13.9 | 8.07 | 4.59 | 1.82 | 1.256 | 0.702 | 0.369 |
| 1.75V | 28.8 | 19.0 | 14.5 | 8.37 | 4.72 | 1.86 | 1.275 | 0.712 | 0.375 |
| 1.70V | 30.6 | 19.7 | 15.0 | 8.56 | 4.81 | 1.87 | 1.282 | 0.716 | 0.377 |
| 1.65V | 32.0 | 20.2 | 15.3 | 8.68 | 4.87 | 1.89 | 1.286 | 0.718 | 0.378 |
| 1.60V | 33.0 | 20.6 | 15.7 | 8.77 | 4.92 | 1.90 | 1.290 | 0.718 | 0.378 |

All data and artworks shall be changed without prior notice, BB reserves the right to explain and update the information contained hereinto.