



VRLA Rechargeable Battery

BC75-12



FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- Absorbent Glass Mat technology for efficient gas recombination


APPLICATION


- UPS
- Telecom



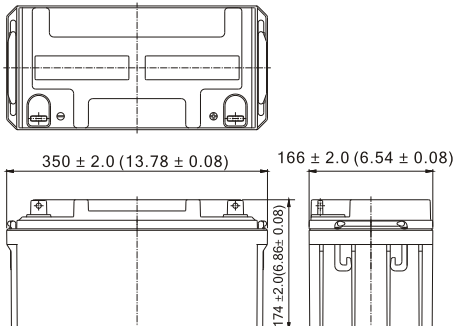
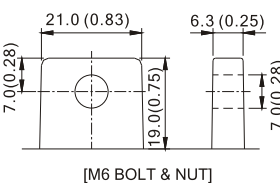
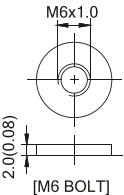
SPECIFICATIONS

| | |
|-----------------------------|---|
| Nominal Voltage | 12 V |
| Nominal Capacity | 75Ah @ 20 hour rate F.V.(1.75V/cell) |
| Approx. Weight | 20.2Kg(44.53lbs.) |
| Terminals | B5 (Fitting M6 bolt & nut) I2 is optional |
| Internal Resistance | ≤8mΩ (Fully Charged) |
| Max. Discharge Current | 750 A (5 sec.) |
| Max. Charge Current | 22.5 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) BC75-12 Optional: Flame Retardant ABS(UL94 V-0) BC75-12FR |


 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 350±2.0 (13.78±0.08) ■ Width 166±2.0 (6.54±0.08) ■ Container Height 174±2.0 (6.85±0.08) ■ Total Height 174±2.0 (6.85±0.08) |  | <ul style="list-style-type: none"> ● Terminal B5  ● Terminal I2  <p style="text-align: center;">Terminal Hardware Initial Torque: B5,I2(5.5Nm±5%)</p> |

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

| Discharge Time F.V. (V/cell) | 10 Min | 15 Min | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|---------------------------------|--------|--------|--------|-------|-------|--------|-------|-------|
| 1.80V | 1537.0 | 1254.8 | 850.0 | 534.9 | 218.7 | 150.75 | 84.23 | 44.33 |
| 1.75V | 1664.5 | 1312.2 | 882.8 | 551.0 | 223.0 | 153.00 | 85.50 | 45.00 |
| 1.70V | 1721.9 | 1352.1 | 902.8 | 560.9 | 225.0 | 153.83 | 85.95 | 45.23 |
| 1.65V | 1763.3 | 1383.8 | 915.6 | 567.7 | 226.6 | 154.35 | 86.18 | 45.38 |
| 1.60V | 1801.6 | 1410.8 | 924.8 | 573.3 | 227.9 | 154.80 | 86.18 | 45.38 |

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

| Discharge Time F.V. (V/cell) | 10 Min | 15 Min | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|---------------------------------|--------|--------|--------|------|------|-------|-------|-------|
| 1.80V | 138.6 | 112.2 | 72.8 | 44.9 | 18.2 | 12.60 | 7.05 | 3.68 |
| 1.75V | 150.2 | 117.2 | 75.6 | 46.3 | 18.6 | 12.75 | 7.13 | 3.75 |
| 1.70V | 155.5 | 120.9 | 77.3 | 47.2 | 18.8 | 12.83 | 7.20 | 3.75 |
| 1.65V | 162.2 | 123.7 | 78.3 | 47.7 | 18.9 | 12.90 | 7.20 | 3.75 |
| 1.60V | 168.6 | 126.1 | 79.2 | 48.1 | 19.0 | 12.90 | 7.20 | 3.75 |

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