

FEATURES

- The sulfuric acid is mixed with silica fume, which makes the resulting mass gel-like and immobile.
- Increased durability and deep cycle ability for heavy demand.
- High temperature stability, mechanical strength and low acid displacement.
- Superior performance with deep discharges.
- Patented safety valve to have accurate pressure operating for long battery life.

APPLICATION

- UPS
- Security
- Telecommunication
- Electronic Medical Equipment
- Emergency Lighting



SPECIFICATIONS

| | |
|-----------------------------|---|
| Nominal Voltage | 12 V |
| Nominal Capacity | 70 Ah @ 20 hour rate F.V.(1.75V/cell) 65 Ah @ 10 hour rate F.V.(1.80V/cell) |
| Approx. Weight | 24000g(52.91lbs.) |
| Terminals | I2 |
| Internal Resistance | ≤6mΩ (Fully Charged) |
| Max. Discharge Current | 400 A (5 sec.) |
| Max. Charge Current | 14.0 A |
| Self Discharge | < 2% per month (25°C) |
| Operating Temperature Range | -20°C~55°C(-4°F~131°F) |
| Container Material | Standard: ABS(UL 94-HB) GB 12/70 Optional: Flame Retardant ABS(UL 94-V0) GB 12/70FR |



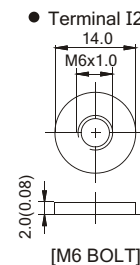
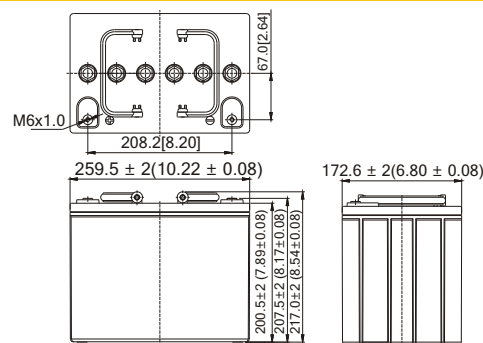
- GB/T 19638.2-2005
- IEC60896-2/12 2004

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

- **Length**
259.5±2 (10.22±0.08)
- **Width**
172.6±2(6.80±0.08)
- **Container Height**
200.5±2 (7.89±0.08)
- **Total Height**
217.0±2 (8.54±0.08)



Terminal Hardware Initial Torque: I2(5.5Nm±5%)

Constant power discharge characteristics at 25 °C/77 °F

Unit: W

| Discharge Time F.V. (V/cell) | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|------------------------------------|--------|------|-------|-------|-------|-------|
| 1.80V | 786 | 465 | 203.0 | 148.5 | 78.0 | 41.37 |
| 1.75V | 798 | 479 | 207.1 | 150.7 | 79.8 | 42.00 |
| 1.70V | 804 | 489 | 209.6 | 152.0 | 80.4 | 42.33 |
| 1.65V | 807 | 495 | 211.2 | 152.6 | 80.7 | 42.46 |
| 1.60V | 807 | 500 | 212.3 | 153.0 | 80.7 | 42.46 |

Constant current discharge characteristics at 25 °C/77 °F

Unit: A

| Discharge Time F.V. (V/cell) | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|------------------------------------|--------|------|-------|-------|-------|-------|
| 1.80V | 65.5 | 39.6 | 17.00 | 12.41 | 6.50 | 3.448 |
| 1.75V | 66.5 | 40.8 | 17.34 | 12.60 | 6.65 | 3.500 |
| 1.70V | 67.0 | 41.7 | 17.55 | 12.71 | 6.70 | 3.528 |
| 1.65V | 67.2 | 42.2 | 17.69 | 12.75 | 6.72 | 3.538 |
| 1.60V | 67.2 | 42.6 | 17.78 | 12.79 | 6.72 | 3.538 |

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