

VRLA Rechargeable Battery

BP200-12 (BP200-12FR)



FEATURES

- Maintenance free(no water topping-up required).
- No free acid(Non-spillable battery).
- Low self-discharge rate, lower than 3% capacity loss per month.
- Can be used in any orientation(excluding used inverted).
- Flame-arrestor is installed to ensure safety.
- Carry handles for easy installation.
- Absorbent Glass Mat technology for efficient gas recombination.

APPLICATION

- UPS
- Telecom



SPECIFICATIONS

| | |
|-----------------------------|--|
| Nominal Voltage | 12 V |
| Nominal Capacity | 200Ah @ 20 hour rate F.V.(1.75V/cell) |
| Approx. Weight | 61.5Kg(135.6lbs.) |
| Terminals | B9 (Fitting M8 bolt & nut) I3 is optional |
| Internal Resistance | ≤2.5mΩ (Fully Charged) |
| Max. Discharge Current | 800 A (5 sec.) |
| Max. Charge Current | 60 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 | ABS(UL94-HB, UL94-V0 is optional) |

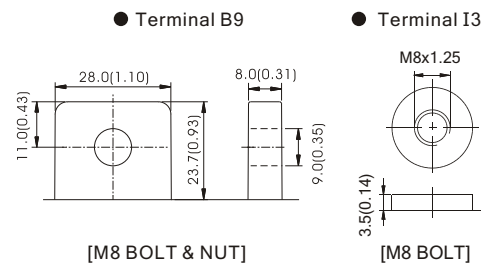
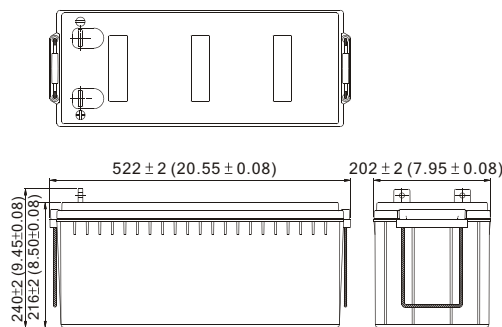
| | |
|---|--|
| ISO 9001 | |
| ISO14001 | |
| UL | |
| CE | |
| <ul style="list-style-type: none"> ● IEC 60896-21/22 ● JIS C 8704-2 ● GB/T 19638.2 | |

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

- **Length**
522±2.0 (20.55±0.08)
- **Width**
202±2.0 (7.95±0.08)
- **Container Height**
216±2.0 (8.50±0.08)
- **Total Height**
B9:240±2.0 (9.45±0.08)
I3:220±2.0 (8.66±0.08)



Terminal Hardware Initial Torque: B9,I3(10.0Nm±5%)

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

Unit: W

| Discharge Time F.V. (V/cell) | 15 Min | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|------------------------------------|--------|--------|------|-------|-------|-------|-------|
| 1.80V | 3724 | 2537 | 1456 | 582.8 | 402.0 | 224.6 | 118.2 |
| 1.75V | 3896 | 2634 | 1499 | 594.6 | 408.0 | 228.0 | 120.0 |
| 1.70V | 4016 | 2694 | 1526 | 600.0 | 410.3 | 229.2 | 120.6 |
| 1.65V | 4108 | 2731 | 1545 | 604.3 | 411.7 | 229.7 | 120.9 |
| 1.60V | 4190 | 2760 | 1560 | 607.7 | 412.8 | 229.7 | 120.9 |

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

Unit: A

| Discharge Time F.V. (V/cell) | 15 Min | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|------------------------------------|--------|--------|-------|-------|-------|-------|-------|
| 1.80V | 323.8 | 215.0 | 122.3 | 48.57 | 33.50 | 18.71 | 9.85 |
| 1.75V | 338.8 | 223.2 | 126.0 | 49.55 | 34.00 | 19.00 | 10.00 |
| 1.70V | 349.2 | 228.3 | 128.3 | 50.00 | 34.19 | 19.10 | 10.05 |
| 1.65V | 357.2 | 231.5 | 129.8 | 50.36 | 34.31 | 19.14 | 10.08 |
| 1.60V | 364.4 | 233.9 | 131.1 | 50.64 | 34.40 | 19.14 | 10.08 |

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