



VRLA Rechargeable Battery

BP12-6



FEATURES

- Maintenance Free (topping up not needed)
- Non-spillable (no free electrolyte)
- Low Self Discharge, less than 3% per month
- both Vertical & Horizontal installations
- integrated Flame Arrestor at each cell
- Carry Handles for easy installation


APPLICATIONS

- UPS
- Security Systems
- Medical Equipment
- Power Packs
- Emergency Lighting
- R/C Cars & Planes
- Laboratory Equipment




SPECIFICATIONS

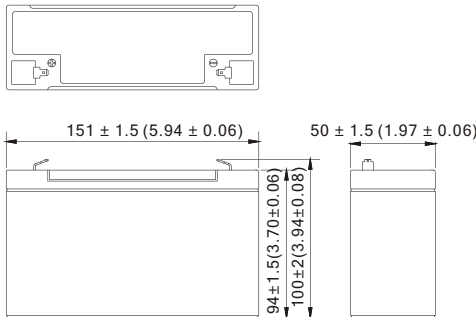
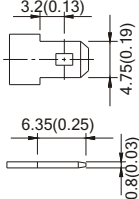
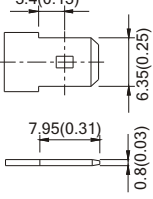
| | |
|-----------------------------|---|
| Nominal Voltage | 6 V |
| Nominal Capacity | 12.0Ah @ 20 hour rate F.V.(1.75V/cell) |
| Approx. Weight | 1980g(4.37lbs.) |
| Terminals | T1 (Faston Tab 187) T2 is optional |
| Internal Resistance | ≤9mΩ (Fully Charged) |
| Max. Discharge Current | 180 A (5 sec.) |
| Max. Charge Current | 3.6 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) BP12-6 Optional: Flame Retardant ABS(UL94 V-0) BP12-6FR |



MH19884



- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1
- VdS G103023

| DIMENSION(mm/inch) | OUTER DIMENSIONS | TERMINAL TYPE |
|---|---|--|
| <ul style="list-style-type: none"> ■ Length 151±1.5 (5.94±0.06) ■ Width 50±1.5 (1.97±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

| Discharge Time F.V. | 5 Min | 10 Min | 15 Min | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|---------------------|-------|--------|--------|--------|------|------|-------|-------|-------|
| 5.40V | 216.9 | 159.7 | 128.0 | 76.1 | 43.7 | 17.5 | 12.06 | 6.74 | 3.55 |
| 5.25V | 251.1 | 173.0 | 133.9 | 79.0 | 45.0 | 17.8 | 12.24 | 6.84 | 3.60 |
| 5.10V | 266.8 | 179.2 | 138.0 | 80.8 | 45.8 | 18.0 | 12.31 | 6.87 | 3.62 |
| 4.95V | 278.8 | 183.5 | 141.2 | 82.0 | 46.3 | 18.1 | 12.35 | 6.89 | 3.63 |
| 4.80V | 288.0 | 187.2 | 144.0 | 82.8 | 46.8 | 18.2 | 12.39 | 6.89 | 3.63 |

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

| Discharge Time F.V. | 5 Min | 10 Min | 15 Min | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|---------------------|-------|--------|--------|--------|------|------|-------|-------|-------|
| 5.40V | 39.1 | 28.1 | 22.3 | 12.9 | 7.34 | 2.91 | 2.010 | 1.123 | 0.591 |
| 5.25V | 46.1 | 30.5 | 23.3 | 13.4 | 7.56 | 2.97 | 2.040 | 1.140 | 0.600 |
| 5.10V | 48.9 | 31.6 | 24.0 | 13.7 | 7.70 | 3.00 | 2.051 | 1.146 | 0.603 |
| 4.95V | 51.1 | 32.3 | 24.6 | 13.9 | 7.79 | 3.02 | 2.058 | 1.149 | 0.605 |
| 4.80V | 52.8 | 33.0 | 25.0 | 14.0 | 7.87 | 3.04 | 2.064 | 1.149 | 0.605 |

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