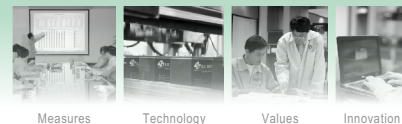




## VRLA Rechargeable Battery

# BP3-6 (BP3-6FR)



### 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).

### APPLICATION

- UPS
- Security



### SPECIFICATIONS

|                             |                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------|
| Nominal Voltage             | 6 V                                                                                                      |
| Nominal Capacity            | 3.0Ah @ 20 hour rate F.V.(1.75V/cell)                                                                    |
| Approx. Weight              | 650g(1.43lbs.)                                                                                           |
| Terminals                   | T1 (Faston Tab 187)                                                                                      |
| Internal Resistance         | $\leq 25m\ \Omega$ (Fully Charged )                                                                      |
| Max. Discharge Current      | 45 A (5 sec.)                                                                                            |
| Max. Charge Current         | 0.9 A                                                                                                    |
| Operating Temperature Range | Charge : 0°C~40°C(32°F~104°F)<br>Discharge : -20°C~50°C(-4°F~122°F)<br>Storage. : -20°C~40°C(-4°F~104°F) |
| Container Material          | ABS(UL94-HB, UL94-V0 is optional)                                                                        |

ISO 9001



ISO14001



UL



CE



- IEC61056
- JIS C 8702
- GB/T 19639

### DIMENSION(mm/inch)

### OUTER DIMENSIONS

### TERMINAL TYPE

#### Length

134±1.5 (5.28±0.06)

#### Width

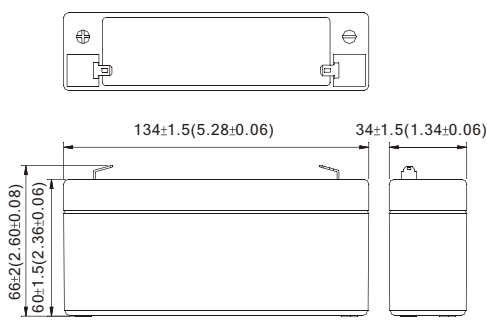
34±1.5 (1.34±0.06)

#### Container Height

60±1.5 (2.36±0.06)

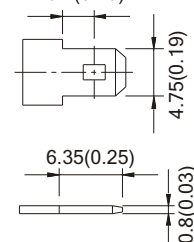
#### Total Height

66±2.0 (2.60±0.08)



#### Terminal T1

3.2(0.13)



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

Unit: W

| Discharge Time<br>F.V.<br>(V/cell) | 5 Min | 10 Min | 15 Min | 30 Min | 1 Hr   | 3 Hr  | 5 Hr  | 10 Hr | 20 Hr |
|------------------------------------|-------|--------|--------|--------|--------|-------|-------|-------|-------|
| 1.80V                              | 54.23 | 39.92  | 31.99  | 19.04  | 10.917 | 4.372 | 3.015 | 1.685 | 0.887 |
| 1.75V                              | 62.77 | 43.25  | 33.46  | 19.76  | 11.245 | 4.460 | 3.060 | 1.710 | 0.900 |
| 1.70V                              | 66.69 | 44.81  | 34.50  | 20.21  | 11.447 | 4.500 | 3.077 | 1.719 | 0.906 |
| 1.65V                              | 69.69 | 45.88  | 35.29  | 20.50  | 11.584 | 4.531 | 3.087 | 1.724 | 0.906 |
| 1.60V                              | 72.00 | 46.80  | 36.00  | 20.70  | 11.700 | 4.559 | 3.097 | 1.724 | 0.906 |

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

Unit: A

| Discharge Time<br>F.V.<br>(V/cell) | 5 Min | 10 Min | 15 Min | 30 Min | 1 Hr  | 3 Hr  | 5 Hr  | 10 Hr | 20 Hr |
|------------------------------------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| 1.80V                              | 9.77  | 7.03   | 5.56   | 3.23   | 1.835 | 0.729 | 0.502 | 0.281 | 0.148 |
| 1.75V                              | 11.52 | 7.61   | 5.82   | 3.35   | 1.890 | 0.743 | 0.510 | 0.285 | 0.150 |
| 1.70V                              | 12.24 | 7.89   | 6.00   | 3.43   | 1.924 | 0.750 | 0.513 | 0.286 | 0.151 |
| 1.65V                              | 12.79 | 8.08   | 6.14   | 3.47   | 1.947 | 0.755 | 0.515 | 0.287 | 0.151 |
| 1.60V                              | 13.21 | 8.24   | 6.26   | 3.51   | 1.966 | 0.760 | 0.516 | 0.287 | 0.151 |

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