

## Excellent Integrated System Limited

Stocking Distributor

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[B B Battery](#)  
[BPL26-12-B1](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



## VRLA Rechargeable Battery

# BPL26-12



### 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).
- Absorbent Glass Mat technology for efficient gas recombination.

### APPLICATION

- UPS
- Wheelchairs
- Lawn Mowers
- Electronic Medical Equipment
- Golf-Carts



### SPECIFICATIONS

|                             |                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------|
| Nominal Voltage             | 12 V                                                                                                    |
| Nominal Capacity            | 26.0Ah @ 20 hour rate F.V.(1.75V/cell)                                                                  |
| Approx. Weight              | 9.6Kg(21.17lbs.)                                                                                        |
| Terminals                   | B1 (Fitting M5 bolt & nut) , T2 and I1 are optional                                                     |
| Internal Resistance         | ≤10m Ω (Fully Charged )                                                                                 |
| Max. Discharge Current      | 390 A (5 sec.)                                                                                          |
| Max. Charge Current         | 7.8 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          | Standard: ABS( UL 94-HB) BPL26-12<br>Optional: Flame Retardant ABS(UL 94-V0) BPL26-12FR                 |



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

### DIMENSION(mm/inch)

### OUTER DIMENSIONS

### TERMINAL TYPE

#### Length

175±1.5 (6.89±0.06)

#### Width

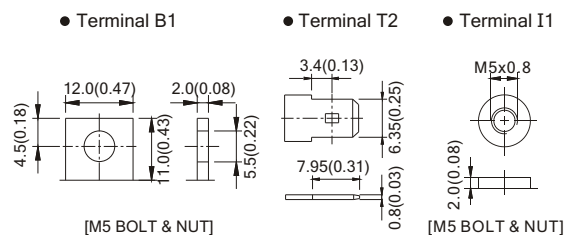
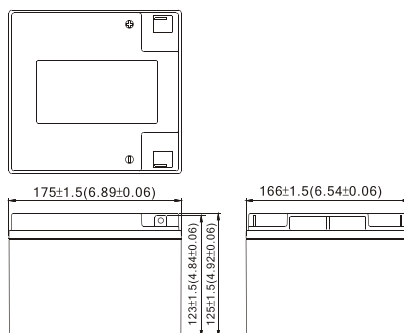
166±1.5 (6.54±0.06)

#### Container Height

125±1.5 (4.92±0.06)

#### Total Height

125±1.5 (4.92±0.06)



Terminal Hardware Initial Torque: B1(2.5Nm±5%),I1(4.0Nm±5%)

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

Unit: W

| F.V.<br>(V/cell) | Discharge<br>Time | 5 Min  | 10 Min | 15 Min | 30 Min | 1 Hr  | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|------------------|-------------------|--------|--------|--------|--------|-------|------|------|-------|-------|
| 1.80V            |                   | 847.0  | 636.6  | 515.5  | 310.1  | 179.8 | 75.8 | 52.4 | 29.19 | 15.26 |
| 1.75V            |                   | 981.0  | 689.7  | 539.7  | 322.0  | 185.0 | 77.3 | 53.1 | 29.64 | 15.60 |
| 1.70V            |                   | 1040.0 | 714.6  | 556.0  | 329.1  | 188.3 | 78.0 | 53.5 | 29.79 | 15.67 |
| 1.65V            |                   | 1088.0 | 731.7  | 569.0  | 333.9  | 190.9 | 78.7 | 53.9 | 29.86 | 15.71 |
| 1.60V            |                   | 1122.0 | 746.2  | 580.2  | 337.3  | 192.8 | 79.1 | 53.9 | 29.86 | 15.71 |

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

Unit: A

| F.V.<br>(V/cell) | Discharge<br>Time | 5 Min | 10 Min | 15 Min | 30 Min | 1 Hr | 3 Hr | 5 Hr | 10 Hr | 20 Hr |
|------------------|-------------------|-------|--------|--------|--------|------|------|------|-------|-------|
| 1.80V            |                   | 76.3  | 56.0   | 44.8   | 26.3   | 15.1 | 6.32 | 4.37 | 2.43  | 1.27  |
| 1.75V            |                   | 90.0  | 60.7   | 46.9   | 27.3   | 15.5 | 6.44 | 4.43 | 2.47  | 1.30  |
| 1.70V            |                   | 95.4  | 62.9   | 48.3   | 27.9   | 15.8 | 6.50 | 4.46 | 2.48  | 1.31  |
| 1.65V            |                   | 99.8  | 64.4   | 49.5   | 28.3   | 16.0 | 6.56 | 4.49 | 2.49  | 1.31  |
| 1.60V            |                   | 102.9 | 65.7   | 50.5   | 28.6   | 16.2 | 6.59 | 4.49 | 2.49  | 1.31  |

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