



# VRLA Rechargeable Battery

## BPL170-6



### 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).
- Filtered with explosion proof filter.
- Flame-arrestor is installed to ensure safety.
- Absorbent Glass Mat technology for efficient gas recombination.

### APPLICATION

- UPS
- Telecom



### SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	170.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	29.2Kg(64.4lbs.)
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	51 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( UL 94-HB) BPL170-6 Optional: Flame Retardant ABS(UL 94-V0) BPL170-6FR

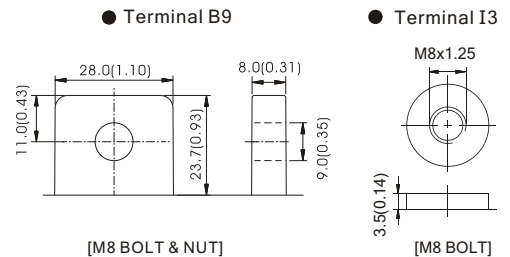
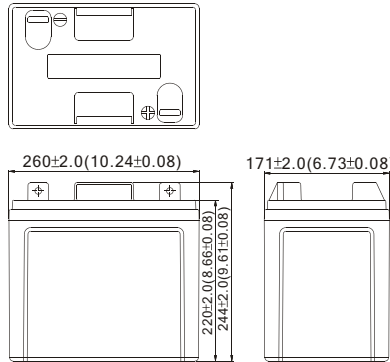
- IEC 60896-21/22
- JIS C 8704-2
- GB/T 19638.2

### DIMENSION(mm/inch)

### OUTER DIMENSIONS

### TERMINAL TYPE

- **Length**  
260±2.0 (10.24±0.08)
- **Width**  
171±2.0 (6.73±0.08)
- **Container Height**  
220±2.0 (8.66±0.08)
- **Total Height**  
244±2.0 (9.61±0.08)



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

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

F.V. (V/cell) \ Discharge Time	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	1636	1100	618.7	247.7	170.9	95.4	50.36
1.75V	1711	1142	637.1	252.7	173.4	96.9	51.00
1.70V	1764	1168	648.7	255.0	174.4	97.4	51.26
1.65V	1805	1184	656.4	256.8	175.0	97.6	51.38
1.60V	1841	1196	663.0	258.3	175.5	97.6	51.38

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

F.V. (V/cell) \ Discharge Time	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	284.5	186.4	104.0	41.28	28.48	15.91	8.39
1.75V	297.6	193.5	107.1	42.12	28.90	16.15	8.50
1.70V	306.8	198.0	109.0	42.50	29.06	16.23	8.54
1.65V	313.9	200.7	110.3	42.80	29.16	16.27	8.56
1.60V	320.1	202.8	111.4	43.05	29.24	16.27	8.56

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