VRLA Rechargeable Battery

BPL7.5-12

FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Low self-discharge rate
- Can be used in any orientation(excluding used inverted)
- Long life expectancy 12+ years in float application
- Absorbent Glass Mat technology for efficient gas recombination

APPLICATION

- UPS
- Laboratory Equipment
- Toy-Cars
- Power Packs
- Fishing Lights

SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	7.5Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	2700g(5.95lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≦25m Ω (Fully Charged)
Max. Discharge Current	112.5 A (5 sec.)
Max. Charge Current	2.25 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) BPL7.5-12 Optional: Flame Retardant ABS(UL94 V-0) BPL7.5-12FR

MH19884

C4M20310-2474-E-16

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

DIMENSION(mm/inch)

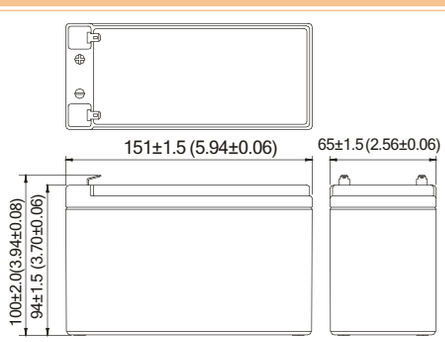
■ **Length**
151±1.5 (5.94±0.06)

■ **Width**
65±1.5 (2.56±0.06)

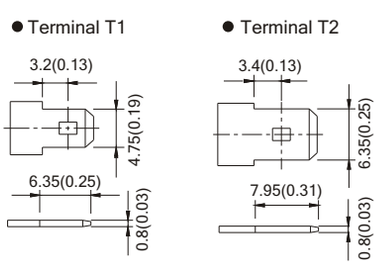
■ **Container Height**
94±1.5 (3.70±0.06)

■ **Total Height**
100±2.0 (3.94±0.08)

OUTER DIMENSIONS



TERMINAL TYPE



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

F.V. (V/cell) \ Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	244.3	183.6	148.7	89.46	51.86	21.86	15.11	8.42	4.40
1.75V	282.9	199.0	155.7	92.89	53.36	22.29	15.32	8.55	4.50
1.70V	300.0	206.1	160.4	94.93	54.32	22.50	15.43	8.59	4.52
1.65V	313.9	211.1	164.1	96.32	55.07	22.71	15.54	8.61	4.53
1.60V	323.6	215.3	167.4	97.29	55.61	22.82	15.54	8.61	4.53

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

F.V. (V/cell) \ Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	22.01	16.17	12.93	7.582	4.358	1.821	1.259	0.702	0.367
1.75V	25.95	17.51	13.54	7.872	4.484	1.857	1.277	0.713	0.375
1.70V	27.52	18.15	13.95	8.045	4.565	1.875	1.286	0.716	0.377
1.65V	28.80	18.58	14.27	8.163	4.628	1.893	1.295	0.718	0.378
1.60V	29.69	18.95	14.55	8.245	4.673	1.902	1.295	0.718	0.378

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