



VRLA Rechargeable Battery

BPL12-12

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

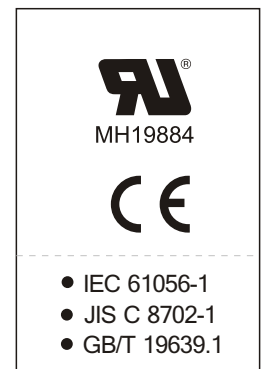
APPLICATION

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



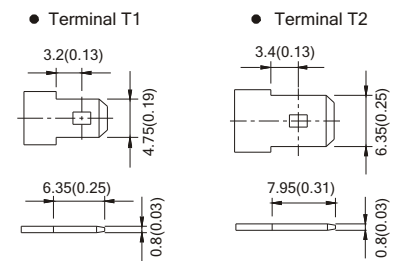
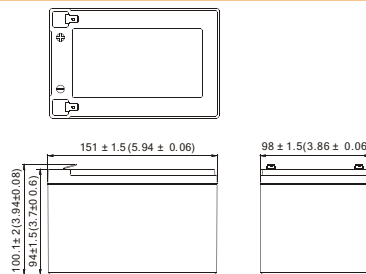
SPECIFICATIONS

Nominal Voltage	12V
Nominal Capacity	12.0 Ah@20 Hour Rate (600mA, 10.5V)
Approx. Weight	4100g(9.04lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
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)
Internal Resistance	≤ 16mΩ (Fully Charged)
Container Material	Standard: ABS(UL 94-HB) BPL12-12 Optional: Flame Retardant ABS (UL 94-V0) BPL12-12FR



DIMENSION(mm/inch) OUTER DIMENSIONS TERMINAL TYPE

- Length 151±1.5(5.94±0.06)
- Width 98±1.5(3.86±0.06)
- Container Height 94±1.5(3.70±0.06)
- Total Height 100.1±2.0(3.94±0.08)



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		391.0	293.8	238.1	143.2	83.0	35.0	24.10	13.48	7.05
1.75V		452.0	318.3	249.0	148.6	85.5	35.7	24.50	13.68	7.20
1.70V		480.0	329.8	256.7	152.0	87.0	36.0	24.60	13.75	7.23
1.65V		502.0	337.7	262.6	154.2	88.0	36.3	24.70	13.80	7.25
1.60V		518.0	344.4	267.8	155.7	88.9	36.5	24.80	13.80	7.25

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		35.23	25.86	20.70	12.14	6.97	2.92	2.008	1.123	0.588
1.75V		41.47	28.02	21.65	12.59	7.18	2.98	2.042	1.140	0.600
1.70V		44.04	29.03	22.32	12.88	7.31	3.00	2.050	1.146	0.603
1.65V		46.06	29.73	22.83	13.07	7.39	3.03	2.058	1.150	0.604
1.60V		47.52	30.32	23.29	13.19	7.47	3.04	2.067	1.150	0.604

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

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