



VRLA Rechargeable Battery

BPL12-12



Measures

Technology

Values

Innovation

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)
- Absorbent Glass Mat technology for efficient gas recombination

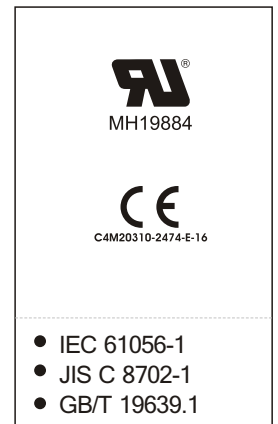
APPLICATIONS

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



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	12.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	3.98Kg(8.77lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤16m Ω (Fully Charged)
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)
Container Material	Standard: ABS(UL94 HB) BPL12-12 Optional: Flame Retardant ABS(UL94 V-0) BPL12-12FR

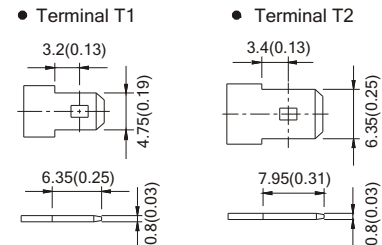
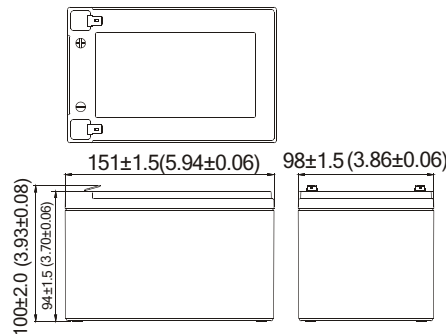


DIMENSION(mm/inch)

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±2.0 (3.93±0.08)



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

Unit: W

Discharge Time F.V. (V/cell)	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

Discharge Time F.V. (V/cell)	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.

For operation, please refer to the instruction from technical manual.

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