

## 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).
- The battery is designed for high rate usage.
- Absorbent Glass Mat technology for efficient gas recombination.
- The power density at 5 min~15min discharging rate is 30% higher than BP series.

## SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	7.0Ah @ 10 hour rate F.V.(1.75V/cell)
Approx. Weight	2600g(5.73lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤20m Ω (Fully Charged)
Max. Discharge Current	105 A (5 sec.)
Max. Charge Current	2.1 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) HR8-12 Optional: Flame Retardant ABS(UL 94-V0) HR8-12FR

## APPLICATION

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



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

### DIMENSION(mm/inch)

### OUTER DIMENSIONS

### TERMINAL TYPE

#### Length

151±1.5 (5.94±0.06)

#### Width

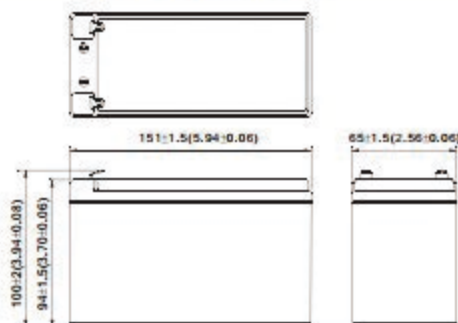
65±1.5 (2.56±0.06)

#### Container Height

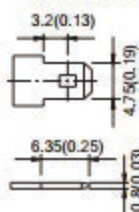
94±1.5 (3.70±0.06)

#### Total Height

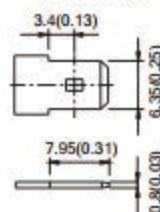
100±2.0 (3.94±0.08)



#### Terminal T1



#### Terminal T2



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

Unit: W

F.V. (V/cell)	Discharge Time	5 Min	10 Min	15 Min	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V		328.0	224.0	162.2	138.4	105.2	80.0	66.8	58.8	32.4
1.70V		392.0	250.0	176.4	146.6	109.6	83.0	69.0	60.2	33.1
1.60V		420.0	263.0	184.4	152.0	112.0	85.0	70.4	61.2	33.6
1.50V		432.0	268.0	188.4	154.4	113.4	86.0	71.2	61.8	33.8
1.40V		440.0	271.6	190.6	155.8	114.2	86.6	71.8	62.2	33.9
1.30V		444.0	274.0	192.0	156.8	114.8	87.0	72.2	62.4	34.0

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

Unit: A

F.V. (V/cell)	Discharge Time	5 Min	10 Min	15 Min	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V		29.29	19.65	14.03	11.87	8.92	6.73	5.59	4.90	2.70
1.70V		35.64	21.93	15.26	12.57	9.29	6.98	5.77	5.02	2.76
1.60V		38.18	23.07	15.95	13.04	9.49	7.15	5.89	5.10	2.80
1.50V		39.27	23.51	16.30	13.24	9.61	7.23	5.96	5.15	2.82
1.40V		40.00	23.82	16.49	13.36	9.68	7.28	6.01	5.18	2.83
1.30V		40.36	24.04	16.61	13.45	9.73	7.32	6.04	5.20	2.83

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