



# VRLA Rechargeable Battery

## BP7.2-12



### 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)
- Absorbent Glass Mat technology for efficient gas recombination

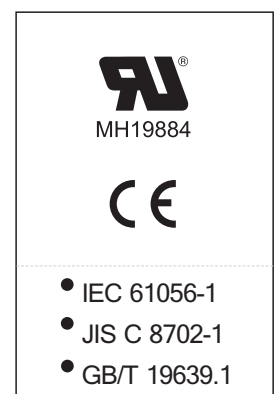
### APPLICATION

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



### SPECIFICATIONS

Nominal Voltage	12V
Nominal Capacity	7.20 Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	2350g(5.18lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤27mΩ(Fully Charged )
Max. Discharge Current	108 A (5 sec.)
Max. Charge Current	2.16 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) BP7.2-12 Optional: Flame Retardant ABS(UL 94-V0) BP7.2-12FR

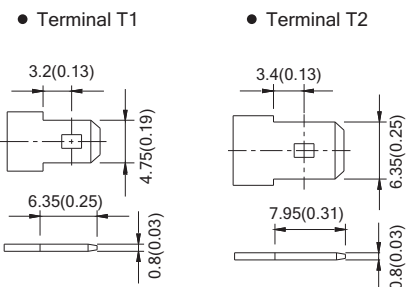
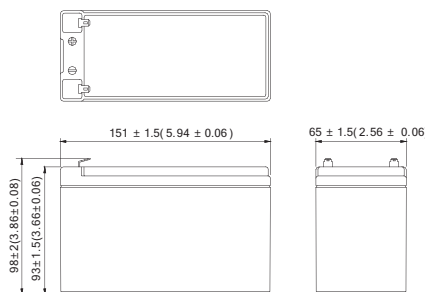


### DIMENSION(mm/inch)

### OUTER DIMENSIONS

### TERMINAL TYPE

- **Length**  
151±1.5(5.94±0.06)
- **Width**  
65±1.5(2.56±0.06)
- **Container Height**  
93±1.5(3.66±0.06)
- **Total Height**  
98±2.0(3.86±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	260.3	191.6	153.6	91.4	52.4	20.99	14.47	8.09	4.26
1.75V	301.3	207.6	160.6	94.8	54.0	21.41	14.69	8.21	4.32
1.70V	320.1	215.1	165.6	97.0	54.9	21.60	14.77	8.25	4.34
1.65V	334.5	220.2	169.4	98.4	55.6	21.75	14.82	8.27	4.36
1.60V	345.6	224.6	172.8	99.4	56.2	21.88	14.86	8.27	4.36

### 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	23.5	16.9	13.4	7.7	4.40	1.75	1.206	0.674	0.355
1.75V	27.6	18.3	14.0	8.0	4.54	1.78	1.224	0.684	0.360
1.70V	29.4	18.9	14.4	8.2	4.62	1.80	1.231	0.687	0.362
1.65V	30.7	19.4	14.7	8.3	4.67	1.81	1.235	0.689	0.363
1.60V	31.7	19.8	15.0	8.4	4.72	1.82	1.239	0.689	0.363

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