



# VRLA Rechargeable Battery

## BP3-12



### FEATURES

- Maintenance Free ( topping up not needed )
- Non - spillable ( no free electrolyte )
- Low Self Discharge, less than 3% per month
- both Vertical & Horizontal installations



### APPLICATIONS

- UPS
- Security Systems
- Medical Equipment
- Power Packs
- Emergency Lighting
- R/C Cars & Planes



### SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	3.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1320g(2.91lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤50m Ω (Fully Charged )
Max. Discharge Current	45 A (5 sec.)
Max. Charge Current	0.9 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) BP3-12 Optional: Flame Retardant ABS(UL94 V-0) BP3-12FR

  
 MH19884  


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

### DIMENSION(mm/inch)

### OUTER DIMENSIONS

### TERMINAL TYPE

#### Length

134±1.5 (5.28±0.06)

#### Width

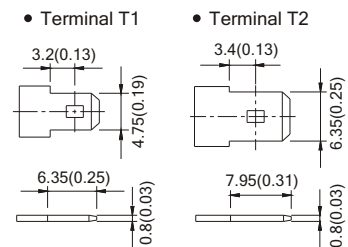
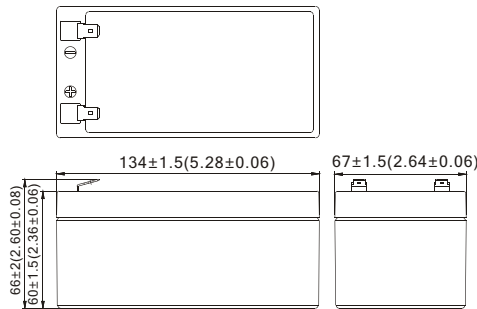
67±1.5 (2.64±0.06)

#### Container Height

60±1.5 (2.36±0.06)

#### Total Height

66±2.0 (2.60±0.08)



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

Unit: W

Discharge Time F.V.	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
10.8V	108.5	79.8	64.0	38.07	21.83	8.74	6.029	3.369	1.773
10.5V	125.5	86.5	66.9	39.52	22.49	8.92	6.120	3.420	1.800
10.2V	133.4	89.6	69.0	40.42	22.89	9.00	6.153	3.437	1.812
9.9V	139.4	91.8	70.6	40.99	23.17	9.06	6.175	3.447	1.812
9.6V	144.0	93.6	72.0	41.40	23.40	9.12	6.193	3.447	1.812

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

Unit: A

Discharge Time F.V.	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
10.8V	9.77	7.03	5.56	3.23	1.835	0.729	0.502	0.281	0.148
10.5V	11.52	7.61	5.82	3.35	1.890	0.743	0.510	0.285	0.150
10.2V	12.24	7.89	6.00	3.43	1.924	0.750	0.513	0.286	0.151
9.9V	12.79	8.08	6.14	3.47	1.947	0.755	0.515	0.287	0.151
9.6V	13.21	8.24	6.26	3.51	1.966	0.760	0.516	0.287	0.151

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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