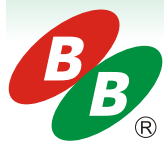


Measures Technology Values Innovation



## VRLA Rechargeable Battery

# BP10-12

### FEATURES

- Maintenance Free ( topping up not needed )
- Non - spillable ( no free electrolyte )
- Low Self Discharge, less than 3% per month
- both Vertical & Horizontal installations
- Its design life is up to 8 years in floating application

### APPLICATIONS

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



### SPECIFICATIONS

Nominal Voltage	12V
Nominal Capacity	10.0 Ah@20 Hour Rate (500mA, 10.5V)
Approx. Weight	3300g(7.28lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Max. Discharge Current	150 A (5 sec.)
Max. Charge Current	3.00 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	≤ 17mΩ (Fully Charged )
Container Material	Standard: ABS( UL 94-HB) BP10-12 Optional: Flame Retardant ABS (UL 94-V0) BP10-12FR

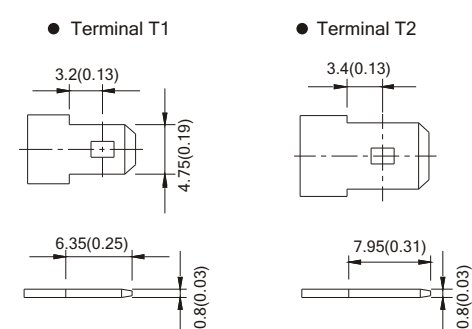
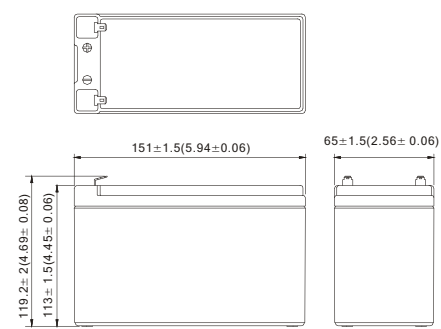
**RU**<sup>®</sup>  
MH19884

**CE**

- 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  
113±1.5(4.45±0.06)
- Total Height  
119.2±2.0(4.69±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	361.6	266.2	213.3	126.9	72.78	29.15	20.10	11.23	5.91
10.5V	418.5	288.4	223.1	131.7	74.96	29.73	20.40	11.40	6.00
10.2V	444.6	298.7	230.0	134.7	76.31	30.00	20.51	11.46	6.04
9.9V	464.6	305.9	235.3	136.6	77.23	30.21	20.58	11.49	6.05
9.6V	480.0	312.0	240.0	138.0	78.00	30.39	20.64	11.49	6.05

### 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	32.57	23.43	18.55	10.75	6.12	2.43	1.675	0.936	0.493
10.5V	38.39	25.38	19.40	11.16	6.30	2.48	1.700	0.950	0.500
10.2V	40.79	26.30	20.00	11.42	6.41	2.50	1.709	0.955	0.503
9.9V	42.62	26.93	20.46	11.58	6.49	2.52	1.715	0.958	0.504
9.6V	44.04	27.46	20.87	11.69	6.55	2.53	1.720	0.958	0.504

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