



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

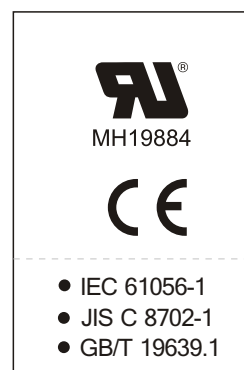
APPLICATIONS

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



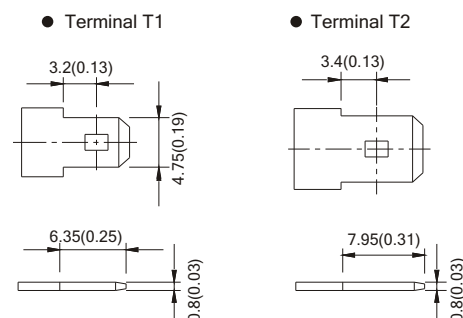
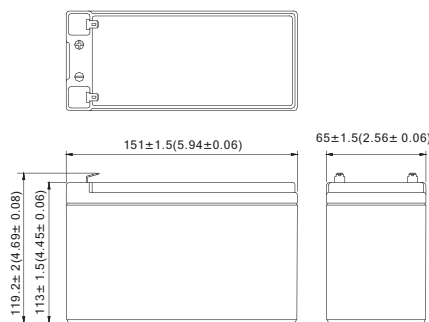
SPECIFICATIONS

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(UL94 HB) BP10-12 Optional: Flame Retardant ABS(UL94 V-0) BP10-12FR



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
113±1.5(4.45±0.06)
- Total Height
119.2±2.0(4.69±0.08)



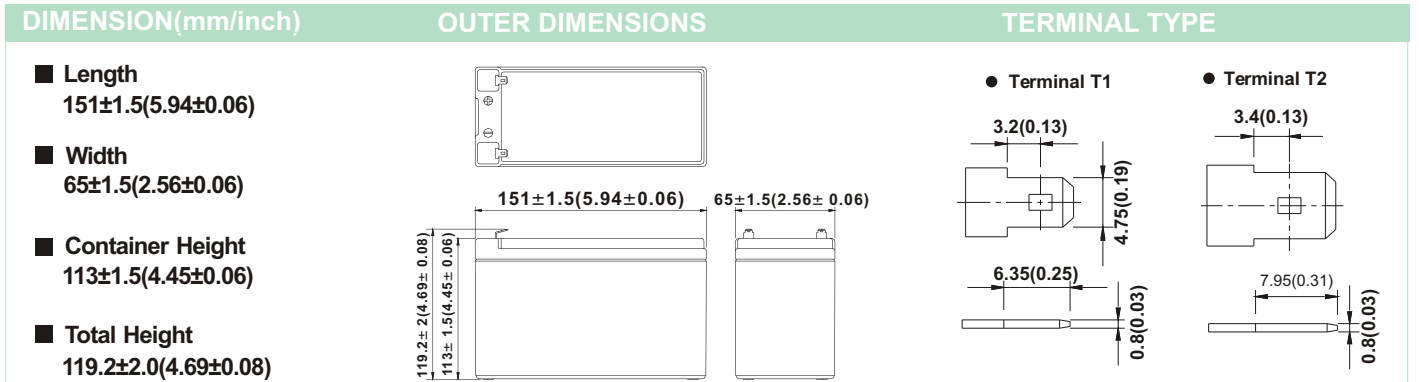
Constant power discharge characteristics at 25 °C/77 °F Unit: W

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.



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