

VRLA Rechargeable Battery

BC10-12

FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- Absorbent Glass Mat technology for efficient gas recombination
- Its design life is up to 5 years in floating application


APPLICATION

- UPS
- Laboratory
- Equipment




SPECIFICATIONS

Nominal Voltage	12V
Nominal Capacity	10.0 Ah@20 Hour Rate (500mA, 10.5V)
Approx. Weight	3000g(6.61lbs.)
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) BC10-12 Optional: Flame Retardant ABS (UL 94-V0) BC10-12FR



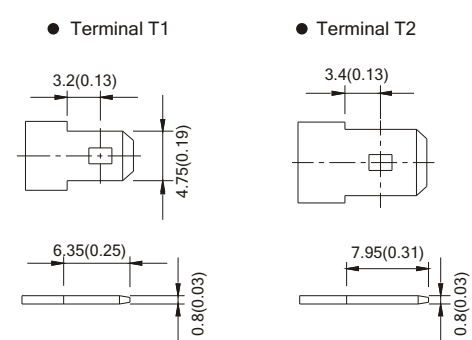
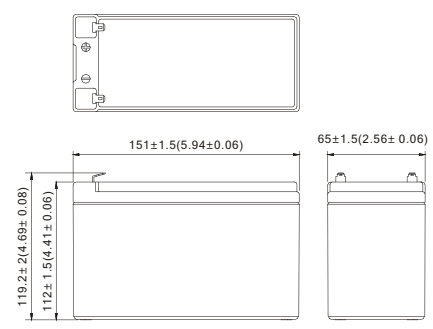
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- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

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
112±1.5(4.41±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 herein.