



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

APPLICATION

- UPS
- Laboratory
- Equipment



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	10.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	3000g(6.61lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤20m Ω (Fully Charged)
Max. Discharge Current	150 A (5 sec.)
Max. Charge Current	3.0 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) BC10-12 Optional: Flame Retardant ABS(UL 94-V0) BC10-12FR

- 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)		Terminal T1
Width 65±1.5 (2.56±0.06)		Terminal T2
Container Height 112±1.5 (4.41±0.06)		
Total Height 117±2.0 (4.61±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.
For operation, please refer to the instruction from technical manual.