



VRLA Rechargeable Battery

BP10-12 (BP10-12FR)



FEATURES

- Maintenance free(no water topping-up required).
- No free acid(Non-spillable battery).
- Low self-discharge rate, lower than 3% capacity loss per month.
- 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	3300g(7.28lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤17m 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	ABS(UL94-HB, UL94-V0 is optional)

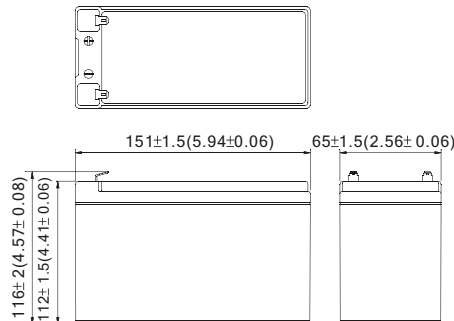
ISO 9001	
ISO14001	
UL	
CE	
<ul style="list-style-type: none"> ● IEC 61056-1 ● JIS C 8702-1 ● GB/T 19639.1 	

DIMENSION(mm/inch)

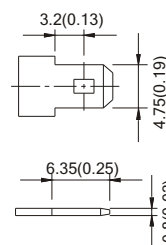
OUTER DIMENSIONS

TERMINAL TYPE

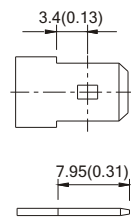
- Length
151±1.5 (5.94±0.06)
- Width
65±1.5 (2.56±0.06)
- Container Height
112±1.5 (4.41±0.06)
- Total Height
116±2.0 (4.57±0.08)



● Terminal T1



● Terminal T2



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

Unit: W

F.V. (V/cell)	Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		361.6	266.2	213.3	126.9	72.78	29.15	20.10	11.23	5.91
1.75V		418.5	288.4	223.1	131.7	74.96	29.73	20.40	11.40	6.00
1.70V		444.6	298.7	230.0	134.7	76.31	30.00	20.51	11.46	6.04
1.65V		464.6	305.9	235.3	136.6	77.23	30.21	20.58	11.49	6.05
1.60V		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

F.V. (V/cell)	Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		32.57	23.43	18.55	10.75	6.12	2.43	1.675	0.936	0.493
1.75V		38.39	25.38	19.40	11.16	6.30	2.48	1.700	0.950	0.500
1.70V		40.79	26.30	20.00	11.42	6.41	2.50	1.709	0.955	0.503
1.65V		42.62	26.93	20.46	11.58	6.49	2.52	1.715	0.958	0.504
1.60V		44.04	27.46	20.87	11.69	6.55	2.53	1.720	0.958	0.504

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