



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).

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)

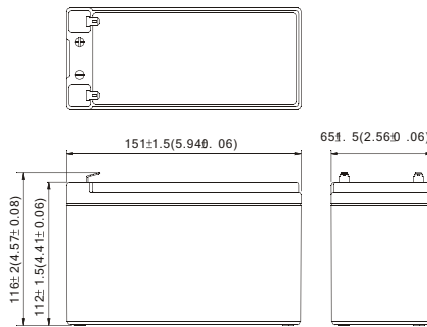
ISO 9001	
ISO14001	
UL	
CE	
<ul style="list-style-type: none"> ● IEC61056 ● JIS C 8702 ● GB/T 19639 	

DIMENSION(mm/inch)

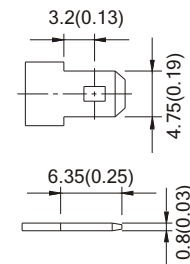
OUTER DIMENSIONS

TERMINAL TYPE

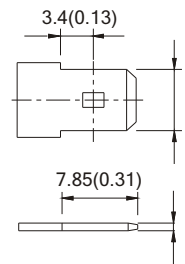
- **Length**
151±1.5 (5.94±0.06)
- **Width**
65±1.5 (2.56±0.06)
- **Container Height**
112±1.5 (4.41±0.06)
- **Total Height**
116±2.0 (4.57±0.08)



● Terminal T1



● Terminal T2



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

Unit: W

Discharge Time F.V. (V/cell)	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

Discharge Time F.V. (V/cell)	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.