

BB BP1.2-12 VRLA Battery Datasheet

<http://www.manuallib.com/bb/bp1-2-12-vrla-battery-datasheet.html>

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.

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VRLA Rechargeable Battery

BP1.2-12 (BP1.2-12FR)



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APPLICATION

- UPS
- Security Alarm Systems



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	1.20Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	590g(1.30lbs.)
Terminals	T1 (Faston Tab 187)
Internal Resistance	≤ 100mΩ (Fully Charged)
Max. Discharge Current	18 A (5 sec.)
Max. Charge Current	0.36 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)

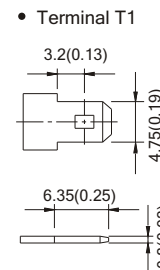
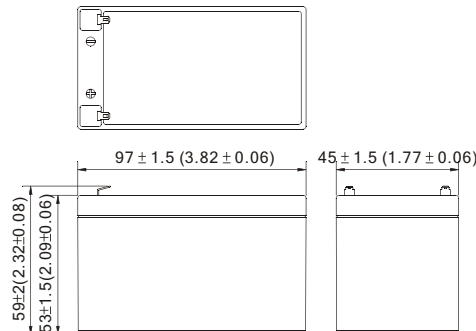
ISO 9001	
ISO14001	
UL	
CE	
<ul style="list-style-type: none"> ● IEC 61056-1 ● JIS C 8702-1 ● GB/T 19639.1 ● VdS G103041 	

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

- **Length**
97±1.5 (3.82±0.06)
- **Width**
45±1.5 (1.77±0.06)
- **Container Height**
53±1.5 (2.09±0.06)
- **Total Height**
59±2.0 (2.32±0.08)



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	43.39	31.94	25.60	15.23	8.73	3.50	2.412	1.348	0.709
1.75V	50.22	34.60	26.77	15.81	9.00	3.57	2.448	1.368	0.720
1.70V	53.36	35.85	27.60	16.17	9.16	3.60	2.461	1.375	0.720
1.65V	55.75	36.71	28.24	16.40	9.27	3.63	2.470	1.379	0.720
1.60V	57.60	37.44	28.80	16.56	9.36	3.65	2.477	1.379	0.720

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	3.91	2.81	2.23	1.291	0.734	0.291	0.201	0.112	0.059
1.75V	4.61	3.05	2.33	1.340	0.756	0.297	0.204	0.114	0.060
1.70V	4.89	3.16	2.40	1.370	0.770	0.300	0.205	0.115	0.060
1.65V	5.11	3.23	2.46	1.389	0.779	0.302	0.206	0.115	0.060
1.60V	5.28	3.30	2.50	1.403	0.787	0.304	0.206	0.115	0.060

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