



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



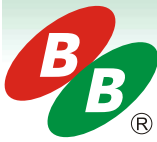
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VRLA Rechargeable Battery

BP1.2-12



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
- 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	Standard: ABS(UL 94-HB) BP1.2-12 Optional: Flame Retardant ABS(UL 94-V0) BP1.2-12FR

- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1
- VdS G103041

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> ■ 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) 		<ul style="list-style-type: none"> • Terminal T1

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