



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!



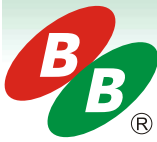
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VRLA Rechargeable Battery

BP7-12



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
- Laboratory Equipment
- Toy-Cars
- Power Packs
- Fishing Lights



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	7.00Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	2540g(5.60lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤25mΩ (Fully Charged)
Max. Discharge Current	105 A (5 sec.)
Max. Charge Current	2.1 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) BP7-12 Optional: Flame Retardant ABS(UL 94-V0) BP7-12FR

WSF ISO9001 MH19884

WSF ISO14001 C4M20310-2474-E-16

WSF OHSMS

- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1
- VdS G100077

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ Length 151±1.5 (5.94±0.06)</p> <p>■ Width 65±1.5 (2.56±0.06)</p> <p>■ Container Height 93±1.5 (3.66±0.06)</p> <p>■ Total Height 98±2.0 (3.86±0.08)</p>		

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	253	186	149	88.8	50.9	20.40	14.07	7.86	4.14
1.75V	293	202	156	92.2	52.5	20.81	14.28	7.98	4.20
1.70V	311	209	161	94.3	53.4	21.00	14.36	8.02	4.22
1.65V	325	214	165	95.6	54.1	21.15	14.41	8.04	4.24
1.60V	336	218	168	96.6	54.6	21.27	14.45	8.04	4.24

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	22.8	16.4	13.0	7.53	4.28	1.70	1.172	0.655	0.345
1.75V	26.9	17.8	13.6	7.81	4.41	1.73	1.190	0.665	0.350
1.70V	28.6	18.4	14.0	7.99	4.49	1.75	1.196	0.668	0.352
1.65V	29.8	18.8	14.3	8.11	4.54	1.76	1.201	0.670	0.353
1.60V	30.8	19.2	14.6	8.19	4.59	1.77	1.204	0.670	0.353

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