



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!



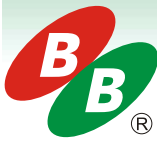
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VRLA Rechargeable Battery

BP7.5-12



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
- Fishing Lights
- Toy-Cars
- Power Packs



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	7.5Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	2650g(5.84lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤25mΩ (Fully Charged)
Max. Discharge Current	112.5 A (5 sec.)
Max. Charge Current	2.25 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) BP7.5-12 Optional: Flame Retardant ABS(UL 94-V0) BP7.5-12FR

- 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)		Terminal T1
Width 65±1.5 (2.56±0.06)		Terminal T2
Container Height 94±1.5 (3.70±0.06)		
Total Height 100±2.0 (3.94±0.08)		

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	271	200	160	95.2	54.6	21.9	15.07	8.42	4.43
1.75V	314	216	167	98.8	56.2	22.3	15.30	8.55	4.50
1.70V	333	224	173	101.1	57.2	22.5	15.38	8.59	4.52
1.65V	348	229	176	102.5	57.9	22.7	15.44	8.62	4.54
1.60V	360	234	180	103.5	58.5	22.8	15.48	8.62	4.54

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	24.4	17.6	13.9	8.07	4.59	1.82	1.256	0.702	0.369
1.75V	28.8	19.0	14.5	8.37	4.72	1.86	1.275	0.712	0.375
1.70V	30.6	19.7	15.0	8.56	4.81	1.87	1.282	0.716	0.377
1.65V	32.0	20.2	15.3	8.68	4.87	1.89	1.286	0.718	0.378
1.60V	33.0	20.6	15.7	8.77	4.92	1.90	1.290	0.718	0.378

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