



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

BPL3.3-12



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
- Toy-Cars
- Fishing Lights



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	3.3Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1.35Kg(2.98lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤50m Ω (Fully Charged)
Max. Discharge Current	49.5 A (5 sec.)
Max. Charge Current	0.99 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) BPL3.3-12 Optional: Flame Retardant ABS(UL 94-V0) BPL3.3-12FR

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> ■ Length 134±1.5 (5.28±0.06) ■ Width 67±1.5 (2.64±0.06) ■ Container Height 60±1.5 (2.36±0.06) ■ Total Height 66±2.0 (2.60±0.08) 		<ul style="list-style-type: none"> ● Terminal T1 ● Terminal T2

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	107.5	80.8	65.4	39.36	22.82	9.62	6.65	3.71	1.94
1.75V	124.5	87.5	68.5	40.87	23.48	9.81	6.74	3.76	1.98
1.70V	132.0	90.7	70.6	41.77	23.90	9.90	6.79	3.78	1.99
1.65V	138.1	92.9	72.2	42.38	24.23	9.99	6.84	3.79	1.99
1.60V	142.4	94.7	73.6	42.81	24.47	10.04	6.84	3.79	1.99

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	9.68	7.11	5.69	3.336	1.917	0.801	0.554	0.309	0.161
1.75V	11.42	7.71	5.96	3.464	1.973	0.817	0.562	0.314	0.165
1.70V	12.11	7.98	6.14	3.540	2.009	0.825	0.566	0.315	0.166
1.65V	12.67	8.18	6.28	3.592	2.036	0.833	0.570	0.316	0.166
1.60V	13.06	8.34	6.40	3.628	2.056	0.837	0.570	0.316	0.166

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