



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

BPL33-12 Handle Type

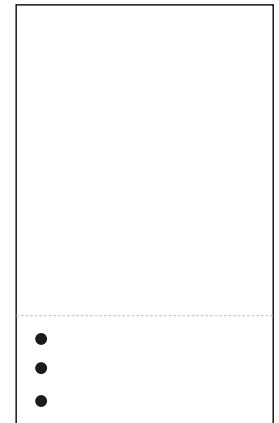


FEATURES

- 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.

SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	33Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	11.5Kg(25.36lbs.)
Terminals	B7 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≤9.0mΩ (Fully Charged)
Max. Discharge Current	495 A (5 sec.)
Max. Charge Current	9.9 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	



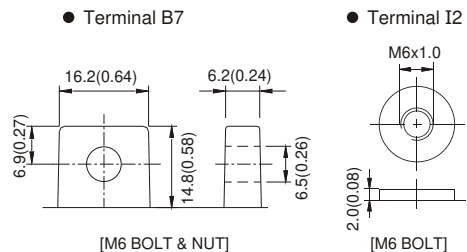
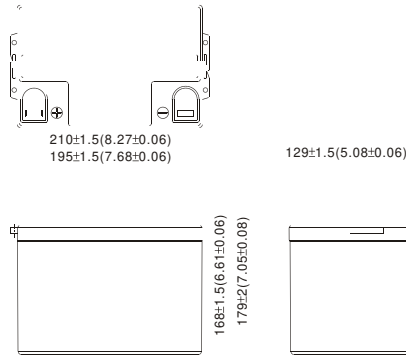
DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

210±1.5



Terminal Hardware Initial Torque: B7/I2 5.5Nm±5%

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
1075.0	1075.0	808.0	654.3	393.6	228.2	96.2	66.50	37.05	19.38
1245.0	1245.0	875.4	685.0	408.7	234.8	98.1	67.40	37.62	19.80
1320.0	1320.0	907.0	705.7	417.7	239.0	99.0	67.90	37.81	19.89
1381.0	1381.0	928.7	722.2	423.8	242.3	99.9	68.40	37.90	19.94
1424.0	1424.0	947.1	736.4	428.1	244.7	100.4	68.40	37.90	19.94

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
96.8	96.8	71.1	56.9	33.4	19.2	8.02	5.54	3.09	1.62
114.2	114.2	77.1	59.6	34.6	19.7	8.18	5.62	3.14	1.65
121.1	121.1	79.8	61.4	35.4	20.1	8.25	5.66	3.15	1.66
126.7	126.7	81.8	62.8	35.9	20.4	8.33	5.70	3.16	1.66
130.6	130.6	83.4	64.0	36.3	20.6	8.37	5.70	3.16	1.66

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