



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

BPL17-12



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
- Emergency Lights
- Fishing Lights
- Lawn Mowers
- Video Camcorders(VCR)



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	17.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	6150g(13.56lbs.)
Terminals	B1 (Fitting M5 bolt & nut) , I1 and T2 are optional
Internal Resistance	≤16m Ω (Fully Charged)
Max. Discharge Current	255 A (5 sec.)
Max. Charge Current	5.1 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) BPL17-12 Optional: Flame Retardant ABS(UL 94-V0) BPL17-12FR

WSF ISO9001	RA MH19884
WSF ISO14001	CE CAM20310-2474-E-16
WSF OHSMS	

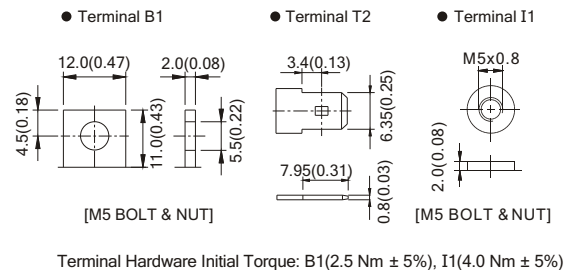
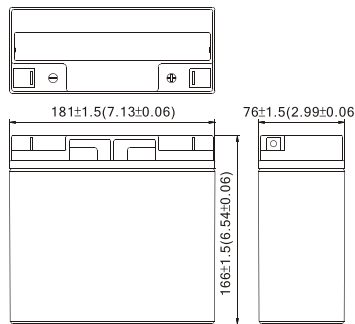
- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

- **Length**
181±1.5 (7.13±0.06)
- **Width**
76±1.5 (2.99±0.06)
- **Container Height**
166±1.5 (6.54±0.06)
- **Total Height**
166±1.5 (6.54±0.06)



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	554.0	416.3	337.1	202.8	117.50	49.50	34.20	19.09	9.98
1.75V	641.0	451.0	352.9	210.6	120.90	50.50	34.70	19.38	10.20
1.70V	680.0	467.3	363.6	215.2	123.10	51.00	35.00	19.48	10.25
1.65V	712.0	478.4	372.1	218.3	124.80	51.50	35.20	19.53	10.27
1.60V	733.0	487.9	379.3	220.5	126.00	51.70	35.20	19.53	10.27

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	49.91	36.65	29.31	17.19	9.87	4.13	2.85	1.59	0.83
1.75V	58.81	39.70	30.69	17.85	10.16	4.21	2.89	1.62	0.85
1.70V	62.39	41.14	31.62	18.24	10.34	4.25	2.92	1.62	0.85
1.65V	65.32	42.11	32.36	18.50	10.49	4.29	2.93	1.63	0.86
1.60V	67.25	42.95	32.98	18.69	10.59	4.31	2.93	1.63	0.86

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