



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!



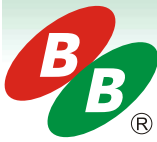
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# VRLA Rechargeable Battery

## BP13-6 H



### 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
- Electronic Toy-Cars
- Emergency Lights
- Rechargeable Flash Lights
- Fans



### SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	13.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	2500g(5.51lbs.)
Terminals	Type H
Internal Resistance	≤9m Ω (Fully Charged )
Max. Discharge Current	30 A (5 sec.)
Max. Charge Current	3.9 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	Standard: ABS( UL 94-HB) BP13-6 H Optional: Flame Retardant ABS(UL 94-V0) BP13-6FR H

<b>WSF</b> ISO9001	<b>UL</b> MH19884
<b>WSF</b> ISO14001	<b>CE</b> CAM20310-2474-E-16
<b>WSF</b> OHSMS	
<ul style="list-style-type: none"> <li>● IEC 61056-1</li> <li>● JIS C 8702-1</li> <li>● GB/T 19639.1</li> </ul>	

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> <li>■ <b>Length</b> 108±1.5 (4.25±0.06)</li> <li>■ <b>Width</b> 71±1.5 (2.80±0.06)</li> <li>■ <b>Container Height</b> 140±1.5 (5.51±0.06)</li> <li>■ <b>Total Height</b> 140±1.5 (5.51±0.06)</li> </ul>		

### Constant power discharge characteristics at 25 °C/77 °F Unit: W

F.V. (V/cell) \ Discharge Time	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	138.6	82.5	47.3	18.9	13.06	7.30	3.84
1.75V	145.0	85.6	48.7	19.3	13.26	7.41	3.90
1.70V	149.5	87.6	49.6	19.5	13.33	7.45	3.92
1.65V	152.9	88.8	50.2	19.6	13.38	7.47	3.93
1.60V	156.0	89.7	50.7	19.8	13.42	7.47	3.93

### Constant current discharge characteristics at 25 °C/77 °F Unit: A

F.V. (V/cell) \ Discharge Time	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	24.1	14.0	7.95	3.16	2.177	1.217	0.640
1.75V	25.2	14.5	8.19	3.22	2.210	1.235	0.650
1.70V	26.0	14.8	8.34	3.25	2.222	1.241	0.653
1.65V	26.6	15.1	8.44	3.27	2.230	1.245	0.655
1.60V	27.1	15.2	8.52	3.29	2.237	1.245	0.655

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