



# VRLA Rechargeable Battery

## BP13-6 S

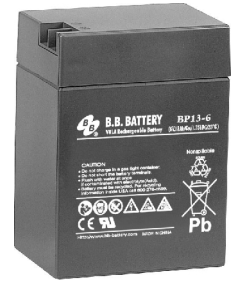


### FEATURES

- Maintenance Free (topping up not needed)
- Non-spillable (no free electrolyte)
- Low Self Discharge, less than 3% per month
- both Vertical & Horizontal installations


### APPLICATIONS

- UPS
- Security Systems
- Medical Equipment
- Power Packs
- Emergency Lighting
- R/C Cars & Planes
- Laboratory Equipment




### SPECIFICATIONS

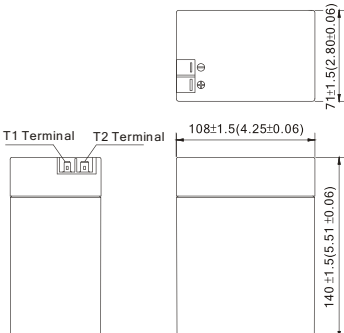
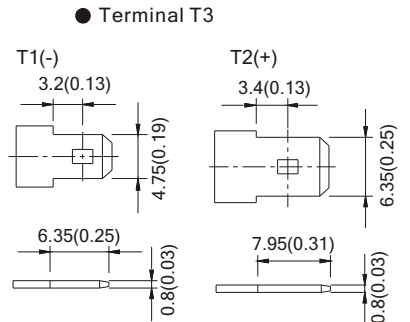
Nominal Voltage	6 V
Nominal Capacity	13.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	2500g(5.51lbs.)
Terminals	T3 (Faston Tab 187, 250)
Internal Resistance	≤8mΩ (Fully Charged)
Max. Discharge Current	30 A (5 sec.)
Max. Charge Current	3.9 A
Operating Temperature Range	Charge : 0°C~40°C(32°F~104°F) Discharge : -20°C~50°C(-4°F~122°F) Storage : -20°C~40°C(-4°F~104°F)
Container Material	Standard: ABS (UL94 HB) BP13-6 S Optional: Flame Retardant ABS(UL94 V-0) BP13-6FR S



MH19884



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

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>		<p>● Terminal T3</p> 

Constant power discharge characteristics at 25 °C/77 °F								Unit: W
Discharge Time F.V.	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr	
5.40V	138.6	82.5	47.3	18.9	13.06	7.30	3.84	
5.25V	145.0	85.6	48.7	19.3	13.26	7.41	3.90	
5.10V	149.5	87.6	49.6	19.5	13.33	7.45	3.92	
4.95V	152.9	88.8	50.2	19.6	13.38	7.47	3.93	
4.80V	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
Discharge Time F.V.	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr	
5.40V	24.1	14.0	7.95	3.16	2.177	1.217	0.640	
5.25V	25.2	14.5	8.19	3.22	2.210	1.235	0.650	
5.10V	26.0	14.8	8.34	3.25	2.222	1.241	0.653	
4.95V	26.6	15.1	8.44	3.27	2.230	1.245	0.655	
4.80V	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 herein.

For operation, please refer to the instruction from technical manual.

B/1 REV. Apr. 2019

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