



# VRLA Rechargeable Battery

## BP5-6



### 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
- Laboratory Equipment
- Power Packs
- Emergency Lighting
- R/C Cars & Planes




### SPECIFICATIONS

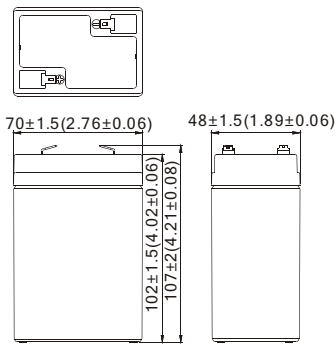
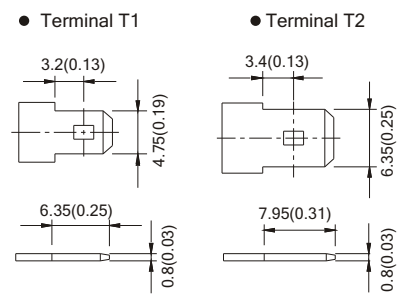
Nominal Voltage	6 V
Nominal Capacity	5.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	950g(2.09lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤ 13.5mΩ (Fully Charged )
Max. Discharge Current	75 A (5 sec.)
Max. Charge Current	1.50 A
Operating Temperature Range	Charge : 0°C~40°C(32°F~104°F) Discharge : -20°C~50°C(-4°F~122°F) Storage. : -20°C~40°C(-4°F~104°F)
Container Material	Standard: ABS( UL94 HB) BP5-6 Optional: Flame Retardant ABS(UL94 V-0) BP5-6FR



MH19884



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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<b>■ Length</b> 70±1.5 (2.76±0.06)		
<b>■ Width</b> 48±1.5 (1.89±0.06)		
<b>■ Container Height</b> 102±1.5 (4.02±0.06)		
<b>■ Total Height</b> 107±2.0 (4.21±0.08)		

Constant power discharge characteristics at 25 °C/77 °F						Unit: W			
Discharge Time F.V.	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
5.40V	90.4	66.5	53.3	31.7	18.20	7.29	5.02	2.808	1.478
5.25V	104.6	72.1	55.8	32.9	18.74	7.43	5.10	2.850	1.500
5.10V	111.2	74.7	57.5	33.7	19.08	7.50	5.13	2.864	1.506
4.95V	116.2	76.5	58.8	34.2	19.31	7.55	5.15	2.873	1.512
4.80V	120.0	78.0	60.0	34.5	19.50	7.60	5.16	2.873	1.512

Constant current discharge characteristics at 25 °C/77 °F						Unit: A			
Discharge Time F.V.	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
5.40V	16.29	11.71	9.27	5.38	3.06	1.21	0.837	0.468	0.246
5.25V	19.20	12.69	9.70	5.58	3.15	1.24	0.850	0.475	0.250
5.10V	20.40	13.15	10.00	5.71	3.21	1.25	0.855	0.477	0.251
4.95V	21.31	13.46	10.23	5.79	3.24	1.26	0.858	0.479	0.252
4.80V	22.02	13.73	10.43	5.85	3.28	1.27	0.860	0.479	0.252

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