



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
- Its design life is up to 8 years in floating application

APPLICATIONS

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

SPECIFICATIONS

Nominal Voltage	6V
Nominal Capacity	5.0 Ah@20 Hour Rate (250mA, 5.25V)
Approx. Weight	905g(1.995lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
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)
Internal Resistance	≤13.5mΩ (Fully Charged)
Container Material	Standard: ABS(UL 94-HB) BP5-6 Optional: Flame Retardant ABS (UL 94-V0) BP5-6FR

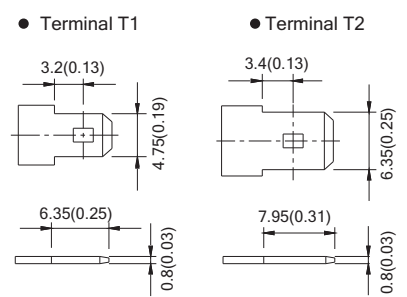
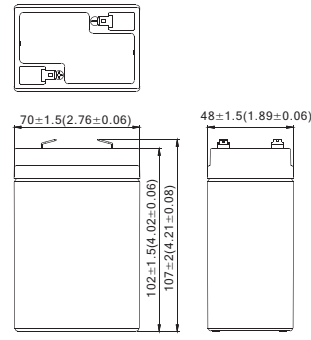
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MH19884

CE

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

DIMENSION(mm/inch) OUTER DIMENSIONS TERMINAL TYPE

- **Length**
70±1.5(2.76±0.06)
- **Width**
48±1.5(1.89±0.06)
- **Container Height**
102±1.5(4.02±0.06)
- **Total Height**
107±2.0(4.21±0.08)



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

Discharge F.V. \ Time	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 F.V. \ Time	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 herein.