



VRLA Rechargeable Battery

BP7-6



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	7.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1300g(2.86lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤16mΩ (Fully Charged)
Max. Discharge Current	105 A (5 sec.)
Max. Charge Current	2.1 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(UL94 HB) BP7-6 Optional: Flame Retardant ABS(UL94 V-0) BP7-6FR



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"> ■ Length 151±1.5 (5.94±0.06) ■ Width 34±1.5 (1.34±0.06) ■ Container Height 94±1.5 (3.70±0.06) ■ Total Height 100±2.0 (3.94±0.08) 		<ul style="list-style-type: none"> ● Terminal T1 ● Terminal T2

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	126.5	93.2	74.7	44.4	25.5	10.20	7.03	3.931	2.069
5.25V	146.5	100.9	78.1	46.1	26.2	10.41	7.14	3.990	2.100
5.10V	155.6	104.5	80.5	47.2	26.7	10.50	7.18	4.010	2.112
4.95V	162.6	107.1	82.4	47.8	27.0	10.57	7.20	4.022	2.118
4.80V	168.0	109.2	84.0	48.3	27.3	10.64	7.23	4.022	2.118

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	22.80	16.40	12.98	7.53	4.28	1.70	1.172	0.655	0.345
5.25V	26.87	17.77	13.58	7.81	4.41	1.73	1.190	0.665	0.350
5.10V	28.55	18.41	14.00	7.99	4.49	1.75	1.196	0.668	0.352
4.95V	29.84	18.85	14.32	8.11	4.54	1.76	1.201	0.670	0.353
4.80V	30.83	19.23	14.61	8.19	4.59	1.77	1.204	0.670	0.353

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