



VRLA Rechargeable Battery

BP10-6



FEATURES

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

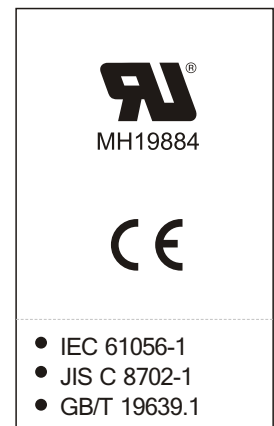
APPLICATIONS

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



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	10.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1900g(4.19lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤10m Ω (Fully Charged)
Max. Discharge Current	150 A (5 sec.)
Max. Charge Current	3.0 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) BP10-6 Optional: Flame Retardant ABS(UL94 V-0) BP10-6FR



DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
Length 151±1.5 (5.94±0.06) Width 50±1.5 (1.97±0.06) Container Height 94±1.5 (3.70±0.06) Total Height 100±2.0 (3.94±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	180.8	133.1	106.6	63.5	36.39	14.57	10.05	5.62	2.96
5.25V	209.2	144.2	111.5	65.9	37.48	14.87	10.20	5.70	3.00
5.10V	222.3	149.4	115.0	67.4	38.16	15.00	10.26	5.73	3.02
4.95V	232.3	152.9	117.6	68.3	38.61	15.10	10.29	5.75	3.02
4.80V	240.0	156.0	120.0	69.0	39.00	15.20	10.32	5.75	3.02

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	32.57	23.43	18.55	10.75	6.12	2.43	1.675	0.936	0.493
5.25V	38.39	25.38	19.40	11.16	6.30	2.48	1.700	0.950	0.500
5.10V	40.79	26.30	20.00	11.42	6.41	2.50	1.709	0.955	0.503
4.95V	42.62	26.93	20.46	11.58	6.49	2.52	1.715	0.958	0.504
4.80V	44.04	27.46	20.87	11.69	6.55	2.53	1.720	0.958	0.504

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