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Stocking Distributor

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[B B Battery](#)
[BP10-6-T1](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



VRLA Rechargeable Battery

BP10-6



FEATURES

- Maintenance free(no water topping-up required).
- No free acid(Non-spillable battery).
- Low self-discharge rate, lower than 3% capacity loss per month.
- Can be used in any orientation(excluding used inverted).
- Absorbent Glass Mat technology for efficient gas recombination.

APPLICATION

- UPS
- Electronic Toy-Cars
- Emergency Lights
- Fans
- Rechargeable Flashlights



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	$\leq 10\text{m}\Omega$ (Fully Charged)
Max. Discharge Current	150 A (5 sec.)
Max. Charge Current	3.0 A
Operating Temperature Range	Charge : $0^{\circ}\text{C}\sim 40^{\circ}\text{C}(32^{\circ}\text{F}\sim 104^{\circ}\text{F})$ Discharge : $-20^{\circ}\text{C}\sim 50^{\circ}\text{C}(-4^{\circ}\text{F}\sim 122^{\circ}\text{F})$ Storage : $-20^{\circ}\text{C}\sim 40^{\circ}\text{C}(-4^{\circ}\text{F}\sim 104^{\circ}\text{F})$
Container Material	Standard: ABS(UL 94-HB) BP10-6 Optional: Flame Retardant ABS(UL 94-V0) BP10-6FR



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

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

151±1.5 (5.94±0.06)

Width

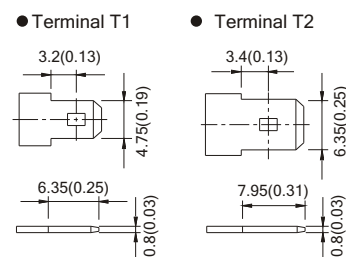
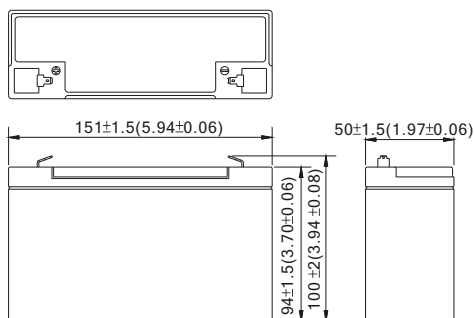
50±1.5 (1.97±0.06)

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

F.V. (V/cell)	Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		180.8	133.1	106.6	63.5	36.39	14.57	10.05	5.62	2.96
1.75V		209.2	144.2	111.5	65.9	37.48	14.87	10.20	5.70	3.00
1.70V		222.3	149.4	115.0	67.4	38.16	15.00	10.26	5.73	3.02
1.65V		232.3	152.9	117.6	68.3	38.61	15.10	10.29	5.75	3.02
1.60V		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

F.V. (V/cell)	Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		32.57	23.43	18.55	10.75	6.12	2.43	1.675	0.936	0.493
1.75V		38.39	25.38	19.40	11.16	6.30	2.48	1.700	0.950	0.500
1.70V		40.79	26.30	20.00	11.42	6.41	2.50	1.709	0.955	0.503
1.65V		42.62	26.93	20.46	11.58	6.49	2.52	1.715	0.958	0.504
1.60V		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.