



VRLA Rechargeable Battery

BP10-4



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	4 V
Nominal Capacity	10.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1310g(2.89lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤8mΩ (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) BP10-4 Optional: Flame Retardant ABS(UL94 V-0) BP10-4FR

UL[®]
MH19884

CE

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
■ Length 101±1.5 (3.98±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)		<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
3.6V	120.5	88.7	71.1	42.3	24.26	9.72	6.70	3.74	1.97
3.5V	139.5	96.1	74.4	43.9	24.99	9.91	6.80	3.80	2.00
3.4V	148.2	99.6	76.7	44.9	25.44	10.00	6.84	3.82	2.01
3.3V	154.9	102.0	78.4	45.5	25.74	10.07	6.86	3.83	2.02
3.2V	160.0	104.0	80.0	46.0	26.00	10.13	6.88	3.83	2.02

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
3.6V	32.57	23.43	18.55	10.75	6.12	2.43	1.675	0.936	0.493
3.5V	38.39	25.38	19.40	11.16	6.30	2.48	1.700	0.950	0.500
3.4V	40.79	26.30	20.00	11.42	6.41	2.50	1.709	0.955	0.503
3.3V	42.62	26.93	20.46	11.58	6.49	2.52	1.715	0.958	0.504
3.2V	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 hereinto.