



## VRLA Rechargeable Battery

# BP10-4 (BP10-4FR)



### 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
- Lighting
- Medical
- Old Laptop



### 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	ABS(UL94-HB, UL94-V0 is optional)

ISO 9001	
ISO14001	
UL	
CE	
<ul style="list-style-type: none"> <li>● IEC 61056-1</li> <li>● JIS C 8702-1</li> <li>● GB/T 19639.1</li> </ul>	

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ <b>Length</b> 101±1.5 (3.98±0.06)</p> <p>■ <b>Width</b> 50±1.5 (1.97±0.06)</p> <p>■ <b>Container Height</b> 94±1.5 (3.70±0.06)</p> <p>■ <b>Total Height</b> 100±2.0 (3.94±0.08)</p>		<p>• Terminal T1</p> <p>• Terminal T2</p>

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

Discharge Time F.V. (V/cell)	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	120.5	88.7	71.1	42.3	24.26	9.72	6.70	3.74	1.97
1.75V	139.5	96.1	74.4	43.9	24.99	9.91	6.80	3.80	2.00
1.70V	148.2	99.6	76.7	44.9	25.44	10.00	6.84	3.82	2.01
1.65V	154.9	102.0	78.4	45.5	25.74	10.07	6.86	3.83	2.02
1.60V	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. (V/cell)	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 shall be changed without prior notice, BB reserves the right to explain and update the information contained hereinto.