



VRLA Rechargeable Battery

BPS10-6



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(UL 94-HB) BPS10-6 Optional: Flame Retardant ABS(UL 94-V0) BPS10-6FR



- 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 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 3.2(0.13) 4.75(0.19) 6.35(0.25) 0.8(0.03) ● Terminal T2 3.4(0.13) 6.35(0.25) 7.95(0.31) 0.8(0.03)

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	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

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