



VRLA Rechargeable Battery

BPS10-12



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	12 V
Nominal Capacity	10.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	3300g(7.28lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤17m 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) BPS10-12 Optional: Flame Retardant ABS(UL 94-V0) BPS10-12FR

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ Length 151±1.5 (5.94±0.06)</p> <p>■ Width 65±1.5 (2.56±0.06)</p> <p>■ Container Height 112±1.5 (4.41±0.06)</p> <p>■ Total Height 116±2.0 (4.57±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	361.6	266.2	213.3	126.9	72.78	29.15	20.10	11.23	5.91
1.75V	418.5	288.4	223.1	131.7	74.96	29.73	20.40	11.40	6.00
1.70V	444.6	298.7	230.0	134.7	76.31	30.00	20.51	11.46	6.04
1.65V	464.6	305.9	235.3	136.6	77.23	30.21	20.58	11.49	6.05
1.60V	480.0	312.0	240.0	138.0	78.00	30.39	20.64	11.49	6.05

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 hereinto.

For operation, please refer to the instruction from technical manual.