



## VRLA Rechargeable Battery

# BPS1.2-12



### 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



### SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	1.20Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	590g(1.30lbs.)
Terminals	T1 (Faston Tab 187)
Internal Resistance	≤ 100mΩ (Fully Charged )
Max. Discharge Current	18 A (5 sec.)
Max. Charge Current	0.36 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) BPS1.2-12 Optional: Flame Retardant ABS(UL 94-V0) BPS1.2-12FR



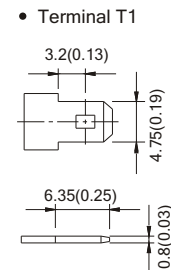
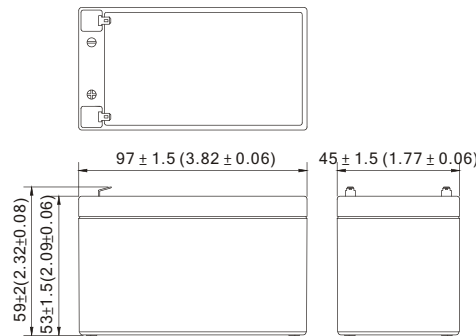
- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1
- VdS G103041

### DIMENSION(mm/inch)

### OUTER DIMENSIONS

### TERMINAL TYPE

- **Length**  
97±1.5(3.82±0.06)
- **Width**  
45±1.5(1.77±0.06)
- **Container Height**  
53±1.5(2.09±0.06)
- **Total Height**  
59±2.0(2.32±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		43.39	31.94	25.60	15.23	8.73	3.50	2.412	1.348	0.709
1.75V		50.22	34.60	26.77	15.81	9.00	3.57	2.448	1.368	0.720
1.70V		53.36	35.85	27.60	16.17	9.16	3.60	2.461	1.375	0.720
1.65V		55.75	36.71	28.24	16.40	9.27	3.63	2.470	1.379	0.720
1.60V		57.60	37.44	28.80	16.56	9.36	3.65	2.477	1.379	0.720

### 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		3.91	2.81	2.23	1.291	0.734	0.291	0.201	0.112	0.059
1.75V		4.61	3.05	2.33	1.340	0.756	0.297	0.204	0.114	0.060
1.70V		4.89	3.16	2.40	1.370	0.770	0.300	0.205	0.115	0.060
1.65V		5.11	3.23	2.46	1.389	0.779	0.302	0.206	0.115	0.060
1.60V		5.28	3.30	2.50	1.403	0.787	0.304	0.206	0.115	0.060

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