

# VRLA Rechargeable Battery

## BP1.2-12



### 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

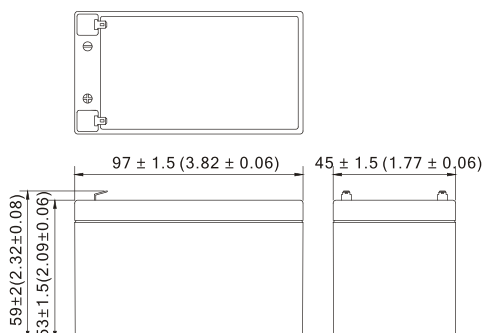
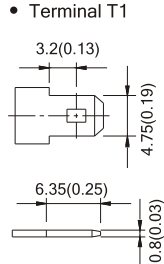
Nominal Voltage	12 V
Nominal Capacity	1.20Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	580g(1.27lbs.)
Terminals	T1 (Faston Tab 187)
Internal Resistance	≤ 100mΩ (Fully Charged )
Max. Discharge Current	18 A (5 sec.)
Max. Charge Current	0.36 A
Operating Temperature Range	Charge : 0°C~40°C(32°F~104°F) Discharge : -20°C~50°C(-4°F~122°F) Storage : -20°C~40°C(-4°F~104°F)
Container Material	Standard: ABS( UL94 HB) BP1.2-12 Optional: Flame Retardant ABS(UL94 V-0) BP1.2-12FR



MH19884



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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> <li>■ Length 97±1.5(3.82±0.06)</li> <li>■ Width 45±1.5(1.77±0.06)</li> <li>■ Container Height 53±1.5(2.09±0.06)</li> <li>■ Total Height 59±2.0(2.32±0.08)</li> </ul>		<ul style="list-style-type: none"> <li>• Terminal T1</li> </ul> 

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

Discharge F.V.	Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
10.8V		43.39	31.94	25.60	15.23	8.73	3.50	2.412	1.348	0.709
10.5V		50.22	34.60	26.77	15.81	9.00	3.57	2.448	1.368	0.720
10.2V		53.36	35.85	27.60	16.17	9.16	3.60	2.461	1.375	0.720
9.9V		55.75	36.71	28.24	16.40	9.27	3.63	2.470	1.379	0.720
9.6V		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

Discharge F.V.	Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
10.8V		3.91	2.81	2.23	1.291	0.734	0.291	0.201	0.112	0.059
10.5V		4.61	3.05	2.33	1.340	0.756	0.297	0.204	0.114	0.060
10.2V		4.89	3.16	2.40	1.370	0.770	0.300	0.205	0.115	0.060
9.9V		5.11	3.23	2.46	1.389	0.779	0.302	0.206	0.115	0.060
9.6V		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.