



# VRLA Rechargeable Battery

## BP1.2-12



### 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
- Security Alarm Systems



### 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) BP1.2-12 Optional: Flame Retardant ABS(UL 94-V0) BP1.2-12FR

- 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

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.