



VRLA Rechargeable Battery

BP1.2-12FR



Measures

Technology

Values

Innovation

FEATURES

- Maintenance Free (topping up not needed)
- Non - spillable (no free electrolyte)
- Low Self Discharge, less than 3% per month
- both Vertical & Horizontal installations
- Its design life is up to 8 years in floating application

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(UL94 HB) BP1.2-12 Optional: Flame Retardant ABS(UL94 V-0) BP1.2-12FR



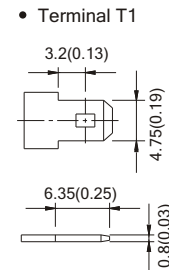
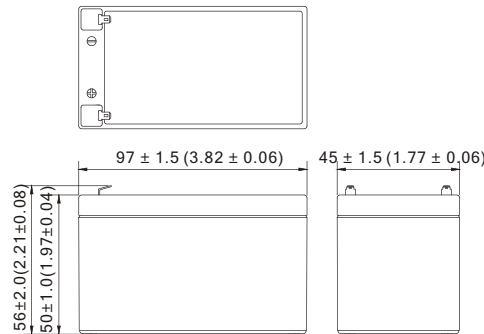
- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1
- VdS G103041

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**
50±1.0(1.97±0.04)
- **Total Height**
56±2.0(2.21±0.08)



Constant power discharge characteristics at 25 °C/77 °F

Unit: W

Discharge F.V. / 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. / 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.