



VRLA Rechargeable Battery

BP3.6-12 (BP3.6-12FR)



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
- Electronic Toy-Cars
- Fans
- Emergency Lights
- Rechargeable Flashlights



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	3.6Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1320g(2.91lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	$\leq 50m\ \Omega$ (Fully Charged)
Max. Discharge Current	54 A (5 sec.)
Max. Charge Current	1.08 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	ABS(UL94-HB, UL94-V0 is optional)

ISO 9001



ISO14001



UL



CE



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

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

134±1.5 (5.28±0.06)

Width

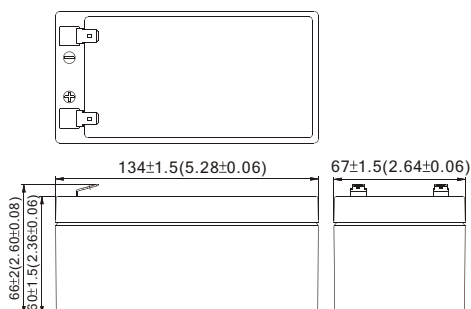
67±1.5 (2.64±0.06)

Container Height

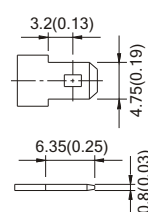
60±1.5 (2.36±0.06)

Total Height

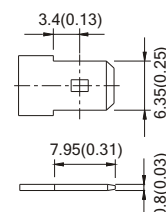
66±2.0 (2.60±0.08)



Terminal T1



Terminal T2



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	130.2	95.8	76.8	45.69	26.20	10.49	7.235	4.043	2.128
1.75V	150.7	103.8	80.3	47.42	26.99	10.70	7.344	4.104	2.160
1.70V	160.1	107.5	82.8	48.51	27.47	10.80	7.384	4.124	2.174
1.65V	167.3	110.1	84.7	49.19	27.80	10.88	7.410	4.137	2.174
1.60V	172.8	112.3	86.4	49.68	28.08	10.94	7.432	4.137	2.174

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	11.73	8.43	6.68	3.87	2.202	0.874	0.603	0.337	0.177
1.75V	13.82	9.14	6.98	4.02	2.268	0.892	0.612	0.342	0.180
1.70V	14.68	9.47	7.20	4.11	2.309	0.900	0.615	0.344	0.181
1.65V	15.34	9.69	7.37	4.17	2.336	0.906	0.617	0.345	0.181
1.60V	15.85	9.89	7.51	4.21	2.360	0.912	0.619	0.345	0.181

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