

VRLA Rechargeable Battery

BP35-12 (BP35-12FR)

Finger Type



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
- Wheelchairs
- Lawn Mowers
- Golf-Carts
- Electronic Medical Equipment



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	35.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	11450g(25.25lbs.)
Terminals	B7 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≤9mΩ (Fully Charged)
Max. Discharge Current	525 A (5 sec.)
Max. Charge Current	10.5 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	
<ul style="list-style-type: none"> ● IEC 61056-1 ● JIS C 8702-1 ● GB/T 19639.1 	

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

195±1.5 (7.68±0.06)

Width

129±1.5 (5.08±0.06)

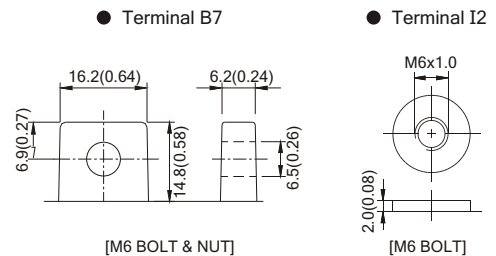
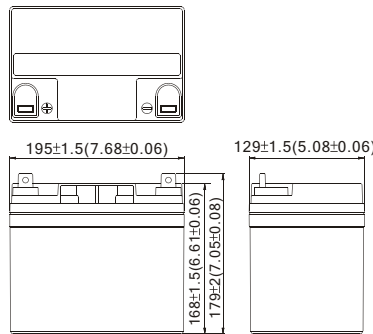
Container Height

168±1.5 (6.61±0.06)

Total Height

B7:179±2.0 (7.05±0.08)

I2:168±2.0 (6.61±0.08)



Terminal Hardware Initial Torque: B7/I2(5.5Nm±5%)

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		1265	932	747	444	254.7	102.0	70.3	39.31	20.69
1.75V		1465	1009	781	461	262.4	104.1	71.4	39.90	21.00
1.70V		1556	1045	805	472	267.1	105.0	71.8	40.10	21.11
1.65V		1626	1071	824	478	270.3	105.7	72.0	40.22	21.17
1.60V		1680	1092	840	483	273.0	106.4	72.3	40.22	21.17

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		114.0	82.0	64.9	37.6	21.4	8.50	5.86	3.28	1.72
1.75V		134.4	88.8	67.9	39.1	22.0	8.67	5.95	3.32	1.75
1.70V		142.8	92.0	70.0	40.0	22.4	8.75	5.98	3.34	1.76
1.65V		149.2	94.2	71.6	40.5	22.7	8.81	6.00	3.35	1.76
1.60V		154.1	96.1	73.0	40.9	22.9	8.86	6.02	3.35	1.76

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