



VRLA Rechargeable Battery

BPL33-12 Handle Type

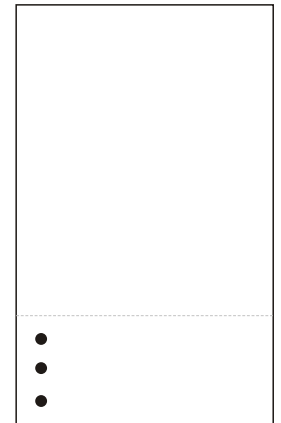


FEATURES

- 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.

SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	33Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	11.5Kg(25.36lbs.)
Terminals	B7 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≤9.0mΩ (Fully Charged)
Max. Discharge Current	495 A (5 sec.)
Max. Charge Current	9.9 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	



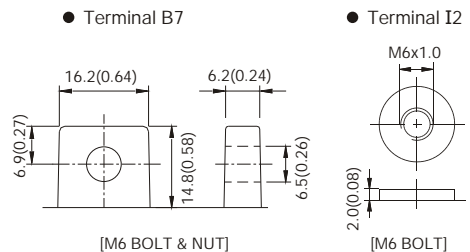
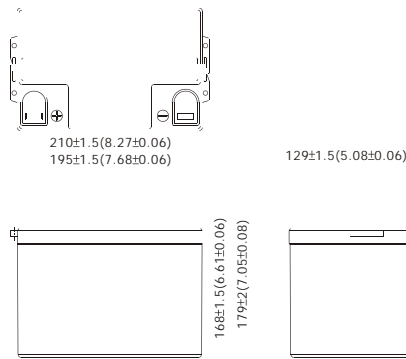
DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

210±1.5



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
1075.0	1075.0	808.0	654.3	393.6	228.2	96.2	66.50	37.05	19.38
1245.0	1245.0	875.4	685.0	408.7	234.8	98.1	67.40	37.62	19.80
1320.0	1320.0	907.0	705.7	417.7	239.0	99.0	67.90	37.81	19.89
1381.0	1381.0	928.7	722.2	423.8	242.3	99.9	68.40	37.90	19.94
1424.0	1424.0	947.1	736.4	428.1	244.7	100.4	68.40	37.90	19.94

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
96.8	96.8	71.1	56.9	33.4	19.2	8.02	5.54	3.09	1.62
114.2	114.2	77.1	59.6	34.6	19.7	8.18	5.62	3.14	1.65
121.1	121.1	79.8	61.4	35.4	20.1	8.25	5.66	3.15	1.66
126.7	126.7	81.8	62.8	35.9	20.4	8.33	5.70	3.16	1.66
130.6	130.6	83.4	64.0	36.3	20.6	8.37	5.70	3.16	1.66

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