

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
- Electronic Medical Equipment
- Golf-Carts



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)
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	Standard: ABS(UL 94-HB) BPL33-12 Optional: Flame Retardant ABS(UL 94-V0) BPL33-12FR



- 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

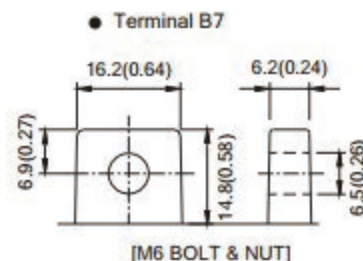
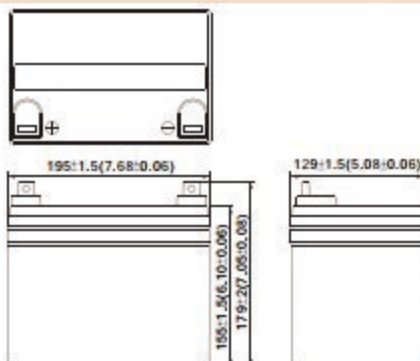
129±1.5 (5.08±0.06)

Container Height

155±1.5 (6.10±0.06)

Total Height

179±2.0 (7.05±0.08)



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

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

Unit: W

F.V. (V/cell)	Discharge Time	Discharge Characteristics								
		5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		1075.0	808.0	654.3	393.6	228.2	96.2	66.50	37.05	19.38
1.75V		1245.0	875.4	685.0	408.7	234.8	98.1	67.40	37.62	19.80
1.70V		1320.0	907.0	705.7	417.7	239.0	99.0	67.90	37.81	19.89
1.65V		1381.0	928.7	722.2	423.8	242.3	99.9	68.40	37.90	19.94
1.60V		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	Discharge Characteristics								
		5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		96.8	71.1	56.9	33.4	19.2	8.02	5.54	3.09	1.62
1.75V		114.2	77.1	59.6	34.6	19.7	8.18	5.62	3.14	1.65
1.70V		121.1	79.8	61.4	35.4	20.1	8.25	5.66	3.15	1.66
1.65V		126.7	81.8	62.8	35.9	20.4	8.33	5.70	3.16	1.66
1.60V		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 herein.