



# VRLA Rechargeable Battery

## BPL3.3-12



Measures

Technology

Values

Innovation

### FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Low self-discharge rate
- Can be used in any orientation(excluding used inverted)
- Absorbent Glass Mat technology for efficient gas recombination

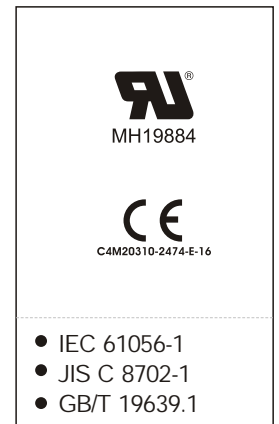
### APPLICATIONS

- UPS
- Toy-Cars
- Fishing Lights



### SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	3.3Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1.35Kg(2.98lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤50m Ω (Fully Charged)
Max. Discharge Current	49.5 A (5 sec.)
Max. Charge Current	0.99 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) BPL3.3-12 Optional: Flame Retardant ABS(UL94 V-0) BPL3.3-12FR



### DIMENSION(mm/inch)

### OUTER DIMENSIONS

### TERMINAL TYPE

#### Length

134±1.5 (5.28±0.06)

#### Width

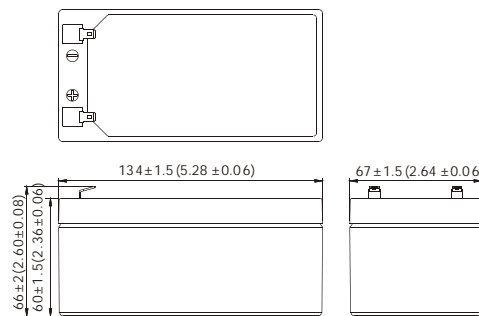
67±1.5 (2.64±0.06)

#### Container Height

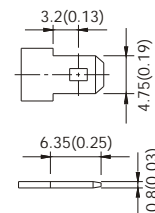
60±1.5 (2.36±0.06)

#### Total Height

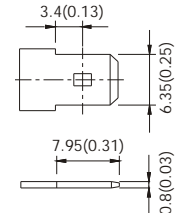
66±2.0 (2.60±0.08)



#### Terminal T1



#### Terminal T2



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

Unit: W

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	107.5	80.8	65.4	39.36	22.82	9.62	6.65	3.71	1.94
1.75V	124.5	87.5	68.5	40.87	23.48	9.81	6.74	3.76	1.98
1.70V	132.0	90.7	70.6	41.77	23.90	9.90	6.79	3.78	1.99
1.65V	138.1	92.9	72.2	42.38	24.23	9.99	6.84	3.79	1.99
1.60V	142.4	94.7	73.6	42.81	24.47	10.04	6.84	3.79	1.99

### 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	9.68	7.11	5.69	3.336	1.917	0.801	0.554	0.309	0.161
1.75V	11.42	7.71	5.96	3.464	1.973	0.817	0.562	0.314	0.165
1.70V	12.11	7.98	6.14	3.540	2.009	0.825	0.566	0.315	0.166
1.65V	12.67	8.18	6.28	3.592	2.036	0.833	0.570	0.316	0.166
1.60V	13.06	8.34	6.40	3.628	2.056	0.837	0.570	0.316	0.166

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

For operation, please refer to the instruction from technical manual.

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