

Excellent Integrated System Limited

Stocking Distributor

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[B B Battery](#)
[BPL17-12-B1](#)

For any questions, you can email us directly:
sales@integrated-circuit.com



VRLA Rechargeable Battery

BPL17-12

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
- Emergency Lights
- Fishing Lights
- Lawn Mowers
- Video Camcorders(VCR)



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	17.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	6150g(13.56lbs.)
Terminals	B1 (Fitting M5 bolt & nut) , I1 and T2 are optional
Internal Resistance	≤16m Ω (Fully Charged)
Max. Discharge Current	255 A (5 sec.)
Max. Charge Current	5.1 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) BPL17-12 Optional: Flame Retardant ABS(UL 94-V0) BPL17-12FR



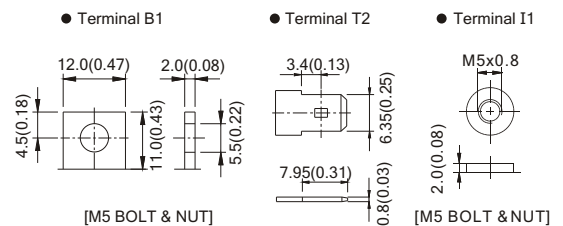
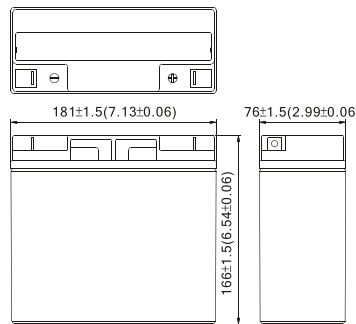
- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

- **Length**
181±1.5 (7.13±0.06)
- **Width**
76±1.5 (2.99±0.06)
- **Container Height**
166±1.5 (6.54±0.06)
- **Total Height**
166±1.5 (6.54±0.06)



Terminal Hardware Initial Torque: B1(2.5 Nm ± 5%), I1(4.0 Nm ± 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	554.0	416.3	337.1	202.8	117.50	49.50	34.20	19.09	9.98
1.75V	641.0	451.0	352.9	210.6	120.90	50.50	34.70	19.38	10.20
1.70V	680.0	467.3	363.6	215.2	123.10	51.00	35.00	19.48	10.25
1.65V	712.0	478.4	372.1	218.3	124.80	51.50	35.20	19.53	10.27
1.60V	733.0	487.9	379.3	220.5	126.00	51.70	35.20	19.53	10.27

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	49.91	36.65	29.31	17.19	9.87	4.13	2.85	1.59	0.83
1.75V	58.81	39.70	30.69	17.85	10.16	4.21	2.89	1.62	0.85
1.70V	62.39	41.14	31.62	18.24	10.34	4.25	2.92	1.62	0.85
1.65V	65.32	42.11	32.36	18.50	10.49	4.29	2.93	1.63	0.86
1.60V	67.25	42.95	32.98	18.69	10.59	4.31	2.93	1.63	0.86

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