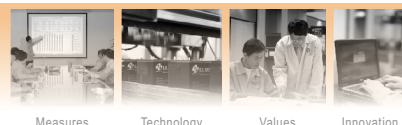




VRLA Rechargeable Battery

BPL150-12



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)
- Filtered with explosion proof filter
- Flame-arrestor is installed to ensure safety
- Absorbent Glass Mat technology for efficient gas recombination

APPLICATIONS

- UPS
- Telecom



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	150.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	51.8Kg(114.2lbs.)
Terminals	B9 (Fitting M8 bolt & nut) I3 is optional
Internal Resistance	$\leq 2.7m\Omega$ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	45 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) BPL150-12 Optional: Flame Retardant ABS(UL94 V-0) BPL150-12FR

MH19884

CE
C4M20310-2474-E-16

- IEC 60896-21/22
- JIS C 8704-2
- GB/T 19638.1

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

483±2.0 (19.02±0.08)

Width

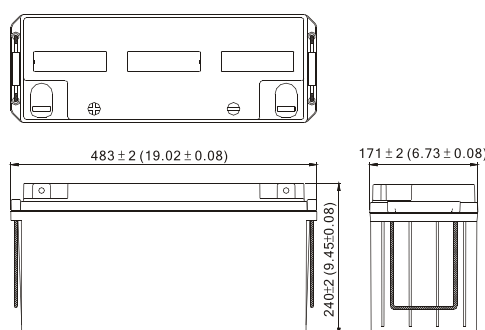
171±2.0 (6.73±0.08)

Container Height

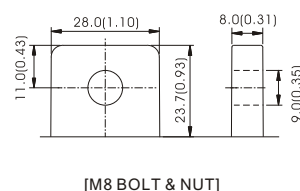
240±2.0 (9.45±0.08)

Total Height

240±2.0 (9.45±0.08)

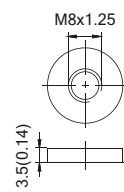


Terminal B9



[M8 BOLT & NUT]

Terminal I3



[M8 BOLT]

Terminal Hardware Initial Torque: B9/I3(10.0Nm±5%)

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

Unit: W

Discharge Time F.V. (V/cell)	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	2749	1903	1092	437.1	301.5	168.4	88.9
1.75V	2876	1976	1124	445.9	306.0	171.0	90.0
1.70V	2965	2021	1145	450.0	307.7	171.9	90.5
1.65V	3033	2049	1158	453.2	308.8	172.3	90.7
1.60V	3094	2070	1170	455.8	309.6	172.3	90.7

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

Unit: A

Discharge Time F.V. (V/cell)	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	239	161	91.7	36.4	25.1	14.04	7.41
1.75V	250	167	94.5	37.2	25.5	14.25	7.50
1.70V	258	171	96.2	37.5	25.6	14.32	7.54
1.65V	264	174	97.3	37.8	25.7	14.36	7.56
1.60V	269	175	98.3	38.0	25.8	14.36	7.56

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.

B/4 REV. May. 2025

Powered by B.B. Tech(Changsha) Co., Ltd.