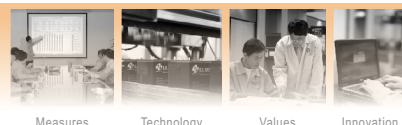




VRLA Rechargeable Battery

BPL210-12



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	210.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	73.2g(161.4lbs.)
Terminals	B9 (Fitting M8 bolt & nut) I3 is optional
Internal Resistance	$\leq 2.5m\Omega$ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	63 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) BPL210-12 Optional: Flame Retardant ABS(UL94 V-0) BPL210-12FR



C4M20310-2474-E-16

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

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

522±2 (20.55±0.08)

Width

240±2 (9.45±0.08)

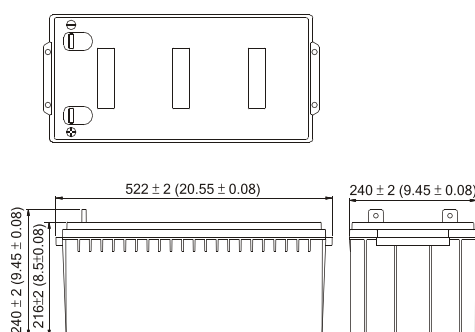
Container Height

216±2 (8.50±0.08)

Total Height

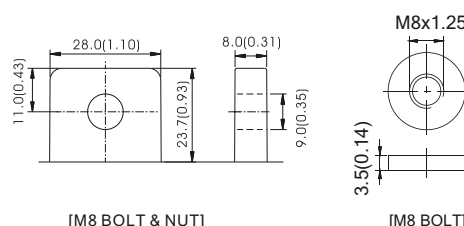
B9:240±2 (9.45±0.08)

I3:220±2 (8.66±0.08)



Terminal B9

Terminal I3



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

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

Unit: W

F.V. (V/cell)	Discharge Time	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		3910	2664	1529	612.0	422.1	235.8	124.1
1.75V		4091	2766	1574	624.3	428.4	239.4	126.0
1.70V		4217	2829	1603	630.0	430.8	240.6	126.6
1.65V		4314	2868	1622	634.5	432.3	241.2	127.0
1.60V		4400	2898	1638	638.1	433.5	241.2	127.0

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

Unit: A

F.V. (V/cell)	Discharge Time	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		340	226	128	51.0	35.2	19.7	10.34
1.75V		356	234	132	52.0	35.7	19.9	10.50
1.70V		367	240	135	52.5	35.9	20.1	10.55
1.65V		375	243	136	52.9	36.0	20.1	10.58
1.60V		383	246	138	53.2	36.1	20.1	10.58

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/O REV. May. 2025 Powered by B.B. Tech(Changsha) Co., Ltd.