



VRLA Rechargeable Battery

BC230-12



FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- Flame-arrestor is installed to ensure safety
- Carry handles for easy installation
- Absorbent Glass Mat technology for efficient gas recombination

APPLICATION

- UPS
- Telecom



SPECIFICATIONS

Nominal Voltage	12V
Nominal Capacity	230.0 Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	62.4Kg(137.6lbs.)
Terminals	B9 (Fitting M8 bolt & nut) , I3 is optional
Internal Resistance	≤ 3.0mΩ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	69 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) BC230-12 Optional: Flame Retardant ABS(UL 94-V0) BC230-12FR

ISO9001	UL MH19884
ISO14001	CE C4M20310-2474-E-16
OHSMS	

- IEC 60896-21/22
- JIS C 8704-2
- GB/T 19638.2

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> ■ Length 522±2.0 (20.55±0.08) ■ Width 240±2.0 (9.45±0.08) ■ Container Height 216±2.0 (8.50±0.08) ■ Total Height B9:240±2.0 (9.45±0.08) I3:220±2.0 (8.66±0.08) 		<ul style="list-style-type: none"> ● Terminal B9 ● Terminal I3 <p>[M8 BOLT & NUT] [M8 BOLT]</p> <p>Terminal Hardware Initial Torque: B9,I3(10.0Nm±5%)</p>

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	3848.1	2606.8	1640.4	670.5	462.3	258.3	135.9
1.75V	4024.1	2707.3	1689.6	683.8	469.2	262.2	138.0
1.70V	4146.2	2768.5	1719.9	690.0	471.7	263.6	138.7
1.65V	4243.5	2807.8	1740.9	694.8	473.3	264.3	139.2
1.60V	4326.3	2836.1	1758.1	699.0	474.7	264.3	139.2

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	343.9	223.1	137.8	55.9	38.6	21.6	11.3
1.75V	359.5	231.6	141.9	57.0	39.1	21.9	11.5
1.70V	370.8	237.1	144.7	57.5	39.3	22.1	11.6
1.65V	379.3	240.4	146.3	58.0	39.6	22.1	11.6
1.60V	386.9	242.7	147.7	58.2	39.6	22.1	11.6

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.

A/0 REV. Mar. 2014

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