



VRLA Rechargeable Battery

BP200-12



FEATURES

- Maintenance Free (topping up not needed)
- Non-spillable (no free electrolyte)
- Low Self Discharge, less than 3% per month
- both Vertical & Horizontal installations
- integrated Flame Arrestor at each cell
- Carry Handles for easy installation

APPLICATIONS

- UPS
- Telecom Systems
- Switch Boards
- Photovoltaic Systems



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	200Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	61.5Kg(135.6lbs.)
Terminals	B9 (Fitting M8 bolt & nut) I3 is optional
Internal Resistance	≤2.5mΩ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	60 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) BP200-12 Optional: Flame Retardant ABS(UL94 V-0) BP200-12FR

RU[®]
MH19884

CE

- 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 202±2.0 (7.95±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

Discharge Time F.V.	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
10.8V	3724	2537	1456	582.8	402.0	224.6	118.2
10.5V	3896	2634	1499	594.6	408.0	228.0	120.0
10.2V	4016	2694	1526	600.0	410.3	229.2	120.6
9.9V	4108	2731	1545	604.3	411.7	229.7	120.9
9.6V	4190	2760	1560	607.7	412.8	229.7	120.9

Constant current discharge characteristics at 25 °C/77 °F Unit: A

Discharge Time F.V.	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
10.8V	323.8	215.0	122.3	48.57	33.50	18.71	9.85
10.5V	338.8	223.2	126.0	49.55	34.00	19.00	10.00
10.2V	349.2	228.3	128.3	50.00	34.19	19.10	10.05
9.9V	357.2	231.5	129.8	50.36	34.31	19.14	10.08
9.6V	364.4	233.9	131.1	50.64	34.40	19.14	10.08

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

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

A/2 REV. Apr. 2019