



VRLA Rechargeable Battery

BC65-12



FEATURES

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

APPLICATION

- UPS
- Telecom



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	65Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	20.0Kg(44.09lbs.)
Terminals	B5 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≤8mΩ (Fully Charged)
Max. Discharge Current	650 A (5 sec.)
Max. Charge Current	19.5 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) BC65-12 Optional: Flame Retardant ABS(UL 94-V0) BC65-12FR

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ Length 350±2.0 (13.78±0.08)</p> <p>■ Width 166±2.0 (6.54±0.08)</p> <p>■ Container Height 174±2.0 (6.85±0.08)</p> <p>■ Total Height 174±2.0 (6.85±0.08)</p>		<p>● Terminal B5</p> <p>[M6 BOLT & NUT]</p> <p>● Terminal I2</p> <p>[M6 BOLT]</p> <p>Terminal Hardware Initial Torque: B5,I2(5.5Nm±5%)</p>

Constant power discharge characteristics at 25 °C/77 °F Unit: W

Discharge Time	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	1332.1	1087.5	736.7	463.6	189.5	130.7	73.0	38.4
1.75V	1442.6	1137.2	765.1	477.5	193.3	132.6	74.1	39.0
1.70V	1492.3	1171.8	782.4	486.1	195.0	133.3	74.5	39.2
1.65V	1528.2	1199.3	793.5	492.0	196.4	133.8	74.7	39.3
1.60V	1561.4	1222.7	801.5	496.9	197.5	134.2	74.7	39.3

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

Discharge Time	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	120.1	97.2	63.1	38.9	15.8	10.9	6.1	3.2
1.75V	130.2	101.6	65.5	40.1	16.1	11.1	6.2	3.3
1.70V	134.8	104.8	67.0	40.9	16.3	11.1	6.2	3.3
1.65V	140.6	107.2	67.9	41.3	16.4	11.2	6.2	3.3
1.60V	146.1	109.3	68.6	41.7	16.5	11.2	6.2	3.3

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.

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Powered by B.B. Battery Co., Ltd.