



VRLA Rechargeable Battery

BC35-12 Handle Type



FEATURES

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


APPLICATIONS

- UPS
- Wheelchairs
- Electronic Medical Equipment




SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	35.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	9.6Kg(21.16lbs.)
Terminals	B7 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≤ 13mΩ (Fully Charged)
Max. Discharge Current	350 A (5 sec.)
Max. Charge Current	10.5 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(UL94 HB) BC35-12 Optional: Flame Retardant ABS(UL94 V-0) BC35-12FR

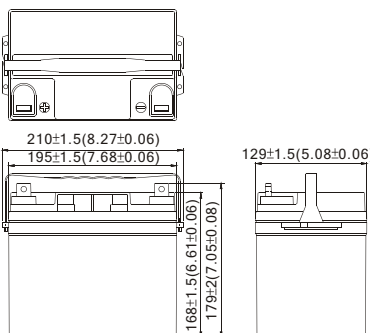
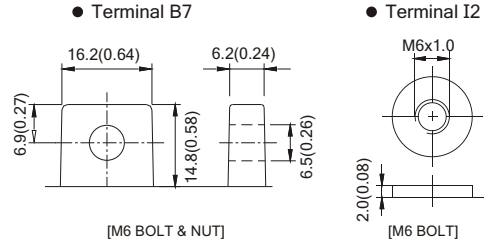


MH19884



C4M20310-2474-E-16

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> ■ Length 210±1.5 (8.27±0.06) ■ Width 129±1.5 (5.08±0.06) ■ Container Height 168±1.5 (6.61±0.06) ■ Total Height B7:179±2.0 (7.05±0.08) I2:168±2.0 (6.61±0.08) 		<ul style="list-style-type: none"> ● Terminal B7 ● Terminal I2  <p>[M6 BOLT & NUT] [M6 BOLT]</p> <p>Terminal Hardware Initial Torque: B7/I2(5.5Nm±5%)</p>

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

F.V. (V/cell)	Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		880	717	586	397	249.7	102.0	70.3	39.33	20.67
1.75V		988	777	612	412	257.2	104.1	71.4	39.92	21.00
1.70V		1082	804	631	421	261.8	105.0	71.8	40.08	21.08
1.65V		1130	824	646	427	264.8	105.7	72.0	40.25	21.17
1.60V		1168	841	658	432	267.6	106.4	72.3	40.25	21.17

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

F.V. (V/cell)	Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		80.1	64.7	52.3	33.9	21.00	8.50	5.83	3.25	1.67
1.75V		91.6	70.1	54.8	35.3	21.58	8.67	5.92	3.33	1.75
1.70V		100.3	72.6	56.4	36.1	22.00	8.75	6.00	3.33	1.75
1.65V		106.8	75.8	57.8	36.6	22.25	8.83	6.00	3.33	1.75
1.60V		112.4	78.7	58.8	36.9	22.50	8.83	6.00	3.33	1.75

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