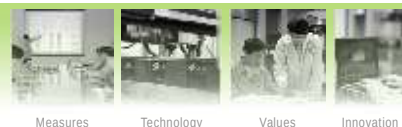




VRLA Rechargeable Battery

HRC9-12



Measures

Technology

Values

Innovation

FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- The battery is designed for high rate usage
- Absorbent Glass Mat technology for efficient gas recombination
- The power density at 5 min~15min discharging rate is 30% higher than BP series

APPLICATION

- UPS
- Toy-Cars
- Power Packs
- Fishing Lights
- Laboratory Equipment
- Fishing Lights Booster



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	15 Min Rate (216W, 7.8V)
Approx. Weight	2550g(5.62lbs.)
Terminals	T2 (Faston Tab 250) , T1 and B0 are optional
Internal Resistance	$\leq 15m\Omega$ (Fully Charged)
Max. Discharge Current	120 A (5 sec.)
Max. Charge Current	2.4 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) HRC9-12 Optional: Flame Retardant ABS(UL 94-V0) HRC9-12FR



MH19884



C4M20310-2474-E-16

- IEC 61056
- JIS C 8702
- GB/T 19639

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

151±1.5 (5.94±0.06)

Width

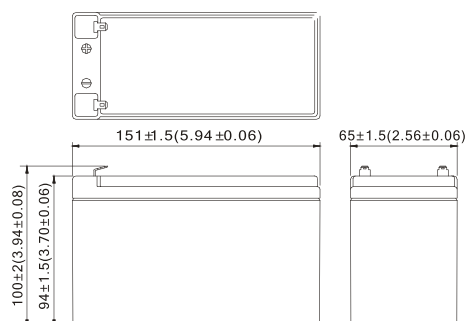
65±1.5 (2.56±0.06)

Container Height

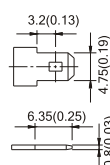
94±1.5 (3.70±0.06)

Total Height

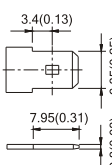
100±2.0 (3.94±0.08)



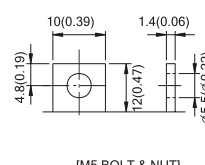
Terminal T1



Terminal T2



Terminal B0



[M5 BOLT & NUT]

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

Unit: W

Discharge Time F.V. (V/cell)	5 Min	10 Min	15 Min	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V	369.0	252.0	182.5	155.7	118.4	90.0	75.2	66.2	36.5
1.70V	441.0	281.3	198.5	164.9	123.3	93.4	77.6	67.7	37.2
1.60V	472.5	295.9	207.5	171.0	126.0	95.6	79.2	68.9	37.8
1.50V	486.0	301.5	212.0	173.7	127.6	96.8	80.1	69.5	38.0
1.40V	495.0	305.6	214.4	175.3	128.5	97.4	80.8	70.0	38.1
1.30V	499.5	308.3	216.0	176.4	129.2	97.9	81.2	70.2	38.2

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

Unit: A

Discharge Time F.V. (V/cell)	5 Min	10 Min	15 Min	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V	32.95	22.11	15.79	13.35	10.03	7.57	6.29	5.52	3.04
1.70V	40.09	24.68	17.17	14.14	10.45	7.86	6.49	5.64	3.10
1.60V	42.95	25.96	17.95	14.67	10.68	8.04	6.63	5.74	3.15
1.50V	44.18	26.45	18.34	14.90	10.81	8.14	6.70	5.79	3.17
1.40V	45.00	26.81	18.55	15.03	10.89	8.19	6.76	5.83	3.18
1.30V	45.41	27.04	18.69	15.13	10.95	8.23	6.79	5.85	3.18

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/O REV. Apr. 2014

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