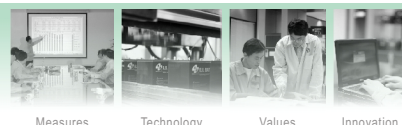


VRLA Rechargeable Battery

BC12-6



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
- Fans
- Emergency Lights
- Electronic Toy-Cars
- Rechargeable Flashlights



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	12.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1700g(3.75lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	$\leq 9m\Omega$ (Fully Charged)
Max. Discharge Current	180 A (5 sec.)
Max. Charge Current	3.6 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) BC12-6 Optional: Flame Retardant ABS(UL94 V-0) BC12-6FR

RU
MH19884



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

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

■ Length

151±1.5(5.94±0.06)

■ Width

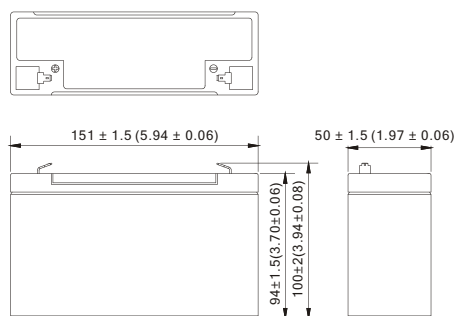
50±1.5(1.97±0.06)

■ Container Height

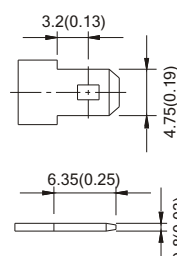
94±1.5(3.70±0.06)

■ Total Height

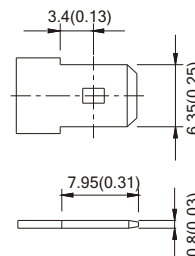
100±2.0(3.94±0.08)



● Terminal T1



● Terminal T2



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

Unit: W

Discharge Time F.V.	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
5.40V	217.0	159.7	128.0	76.15	43.65	17.50	12.05	6.74	3.55
5.25V	251.1	173.0	133.9	79.05	45.00	17.85	12.25	6.84	3.60
5.10V	266.8	179.3	138.0	80.85	45.80	18.00	12.30	6.88	3.62
4.95V	278.8	183.6	141.2	82.00	46.35	18.15	12.35	6.90	3.63
4.80V	288.0	187.2	144.0	82.80	46.80	18.25	12.40	6.90	3.63

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

Unit: A

Discharge Time F.V.	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
5.40V	39.09	28.12	22.26	12.91	7.34	2.91	2.01	1.123	0.591
5.25V	46.07	30.46	23.28	13.40	7.56	2.97	2.04	1.140	0.600
5.10V	48.95	31.55	24.00	13.70	7.70	3.00	2.05	1.146	0.603
4.95V	51.15	32.31	24.55	13.89	7.79	3.02	2.06	1.149	0.605
4.80V	52.84	32.96	25.04	14.03	7.87	3.04	2.06	1.149	0.605

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/4 REV. Apr. 2021

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