



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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VRLA Rechargeable Battery

BP5.5-12RT



FEATURES

- Absorbent Glass Mat technology for efficient gas recombination
- Maintenance free(no water topping-up required).
- No free acid(Non-spillable battery).
- Low self-discharge rate, lower than 3% capacity loss per month.
- Can be used in any orientation(excluding used inverted).

APPLICATION

- UPS
- Electronic Doorbells
- Toy-Cars
- Fans



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	5.5Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1850g(4.08lbs.)
Terminals	+250 Faston/-187 Faston
Internal Resistance	≤27mΩ (Fully Charged)
Max. Discharge Current	82.5 A (5 sec.)
Maximum Charge Current	1.65 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) BP5.5-12RT Optional: Flame Retardant ABS(UL 94-V0) BP5.5-12RTFR



- IEC61056-1
- JIS C 8702-1
- GB/T 19639.1

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

140±1.5 (5.51±0.06)

Width

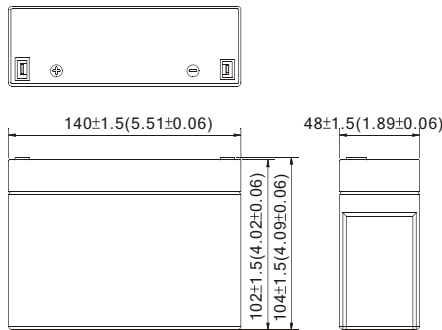
48±1.5 (1.89±0.06)

Container Height

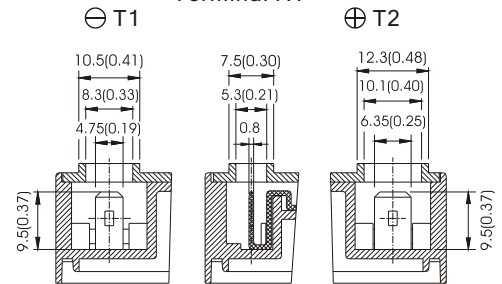
102±1.5 (4.02±0.06)

Total Height

104±1.5 (4.09±0.06)



Terminal RT



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

Unit: W

Discharge Time F.V. (V/cell)	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	198.9	146.4	117.3	69.8	40.0	16.0	11.05	6.18	3.25
1.75V	230.2	158.6	122.7	72.4	41.2	16.4	11.22	6.27	3.30
1.70V	244.5	164.3	126.5	74.1	42.0	16.5	11.28	6.30	3.31
1.65V	255.5	168.2	129.4	75.1	42.5	16.6	11.32	6.32	3.32
1.60V	264.0	171.6	132.0	75.9	42.9	16.7	11.35	6.32	3.32

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

Unit: A

Discharge Time F.V. (V/cell)	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	17.9	12.9	10.2	5.92	3.36	1.34	0.921	0.515	0.271
1.75V	21.1	14.0	10.7	6.14	3.46	1.36	0.935	0.522	0.275
1.70V	22.4	14.5	11.0	6.28	3.53	1.37	0.940	0.525	0.276
1.65V	23.4	14.8	11.3	6.37	3.57	1.38	0.943	0.527	0.277
1.60V	24.2	15.1	11.5	6.43	3.61	1.39	0.946	0.527	0.277

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