



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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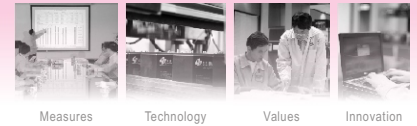
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





VRLA Rechargeable Battery

EVP44-12



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)
- The battery is designed for high power & high cyclic usage

APPLICATION

- UPS
- Wheelchairs
- Lawn Mowers
- Equipment
- Golf-Carts
- Electronic Medical Equipmen



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	44Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	15.5Kg(34.181lbs.)
Terminals	B2 (Fitting M5 bolt & nut) , I1 and I2 are optional
Internal Resistance	≤5mΩ (Fully Charged)
Max. Discharge Current	600 A (5 sec.)
Max. Charge Current	13.2 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) EVP44-12 Optional: Flame Retardant ABS(UL 94-V0) EVP44-12FR



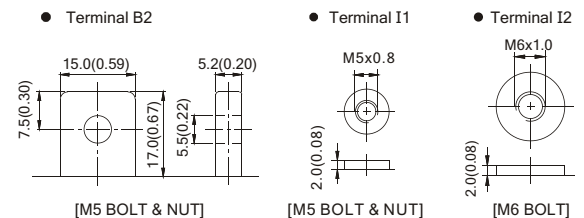
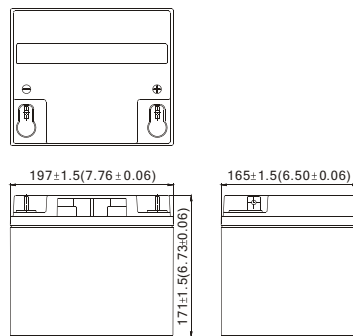
- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

- **Length**
197±1.5 (7.76±0.06)
- **Width**
165±1.5 (6.50±0.06)
- **Container Height**
171±1.5 (6.73±0.06)
- **Total Height**
171±1.5 (6.73±0.06)



Terminal Hardware Initial Torque: B2/I1(4.0Nm±5%),I2(5.5Nm±5%)

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	1890	1339	963	605	345	140.0	88.5	49.3	25.8
1.75V	2188	1451	1018	628	355	143.5	90.0	50.3	26.4
1.70V	2325	1509	1048	642	363	144.6	90.7	50.6	26.5
1.65V	2430	1542	1076	652	367	146.0	91.1	50.7	26.6
1.60V	2510	1570	1095	660	370	146.5	91.4	50.7	26.6

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	175.00	121.73	91.26	53.54	28.99	11.67	7.38	4.11	2.15
1.75V	206.42	133.12	96.73	55.58	29.83	11.96	7.50	4.19	2.20
1.70V	219.34	138.44	99.55	56.81	30.50	12.05	7.56	4.22	2.21
1.65V	229.25	141.47	101.82	57.70	30.84	12.17	7.59	4.23	2.22
1.60V	236.79	144.04	103.64	58.41	31.09	12.21	7.17	4.23	2.22

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