



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

BP33-6



FEATURES

- 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).
- Absorbent Glass Mat technology for efficient gas recombination.

APPLICATION

- UPS
- Lighting



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	33Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	6000g(13.23lbs.)
Terminals	B1 (Fitting M5 bolt & nut) T2 is optional
Internal Resistance	≤4.5mΩ (Fully Charged)
Max. Discharge Current	255 A (5 sec.)
Max. Charge Current	9.9 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) BP33-6 Optional: Flame Retardant ABS(UL 94-V0) BP33-6FR

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
Length 181±1.5 (7.13±0.06) Width 76±1.5 (2.99±0.06) Container Height 166±1.5 (6.54±0.06) Total Height 166±1.5 (6.54±0.06)		
		Terminal Hardware Initial Torque: B1 (2.5Nm±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	596.6	439.2	351.9	209.4	120.1	48.1	33.16	18.53	9.75
1.75V	690.5	475.8	368.1	217.3	123.7	49.1	33.66	18.81	9.90
1.70V	733.6	492.9	379.5	222.3	125.9	49.5	33.84	18.90	9.95
1.65V	766.6	504.7	388.2	225.4	127.4	49.8	33.96	18.96	9.98
1.60V	792.0	514.8	396.0	227.7	128.7	50.1	34.06	18.96	9.98

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	107.5	77.3	61.2	35.5	20.2	8.02	5.527	3.089	1.625
1.75V	126.7	83.8	64.0	36.8	20.8	8.18	5.610	3.135	1.650
1.70V	134.6	86.8	66.0	37.7	21.2	8.25	5.641	3.151	1.658
1.65V	140.7	88.9	67.5	38.2	21.4	8.31	5.660	3.160	1.663
1.60V	145.3	90.6	68.9	38.6	21.6	8.36	5.677	3.160	1.663

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