



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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# CARBON ZINC BATTERIES

Panasonic carbon zinc batteries offer economy and peak performance and are built for professional applications.



## Applications

- Clocks
- Communications Equipment
- Electronic Calculators
- Flashlights, Penlights
- Measuring Instruments
- Remote Controls
- Portable electronics

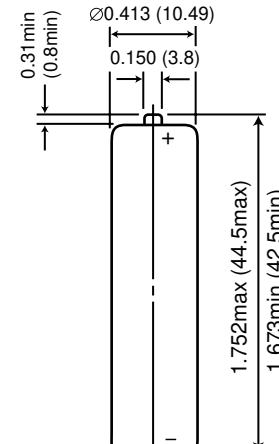
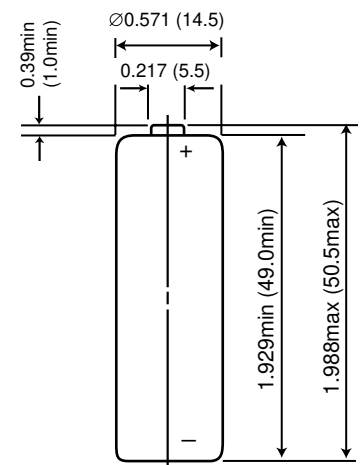
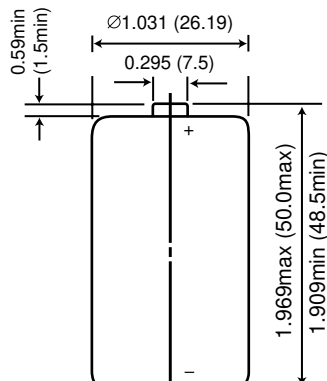
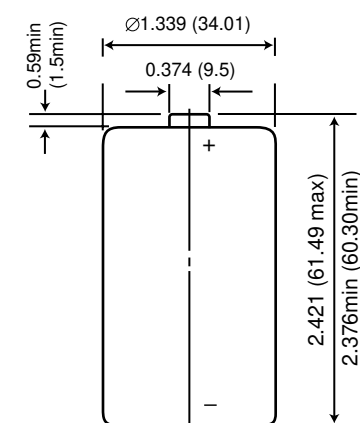
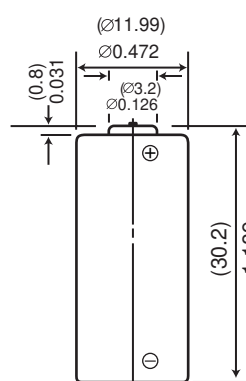
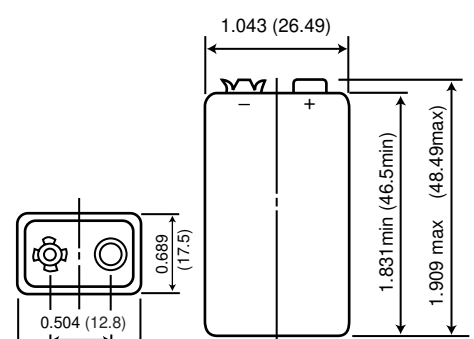
**Carbon Zinc Batteries Specification Table**

Model Number	Size	Type	Label Color	V	Diameter/Width Inch (mm)	Height Inch (mm)	Thickness	Avg./Wt. oz (g)
UM-4NPA	AAA	Super Heavy Duty	Blue	1.5	.413 (10.49)	1.752 (44.50)	---	0.34 (9.70)
UM-3NPA	AA	Super Heavy Duty	Blue	1.5	.571 (14.50)	1.988 (50.50)	---	0.67 (19.00)
UM-2NPA	C	Super Heavy Duty	Blue	1.5	1.031 (26.19)	1.969 (50.00)	---	1.82 (51.50)
UM-1NPA	D	Super Heavy Duty	Blue	1.5	1.339 (34.01)	2.421 (61.49)	---	3.53 (100.0)
R1NW	N	Extra Heavy Duty	Black	1.5	.472 (11.99)	1.189 (30.20)	---	0.23 (6.55)
6F22NW	9V	Extra Heavy Duty	Black	9	1.043 (26.49)	1.909 (48.49)	0.689 (17.50)	1.31 (38.00)

\* Extra Heavy Duty and Super Heavy Duty are the same grade product. Super Heavy Duty is manufactured in Indonesia and Extra Heavy Duty is manufactured in Japan.

# CARBON ZINC BATTERIES

## DIMENSIONS / INCH (MM)

Model No.	Dimensions/inch (mm)		Dimensions/inch (mm)
<b>Size "AAA"</b>  <b>UM-4NPA</b>	1. Nominal Voltage: 1.5 volts    <b>Note:</b> Drawing not to scale	<b>Size "AA"</b>  <b>UM-3NPA</b>	1. Nominal Voltage: 1.5 volts    <b>Note:</b> Drawing not to scale
<b>Size "C"</b>  <b>UM-2NPA</b>	1. Nominal Voltage: 1.5 volts    <b>Note:</b> Drawing not to scale	<b>Size "D"</b>  <b>UM-1NPA</b>	1. Nominal Voltage: 1.5 volts    <b>Note:</b> Drawing not to scale
<b>Size "N"</b>  <b>R1NW</b>	1. Nominal Voltage: 1.5 volts    <b>Note:</b> Drawing not to scale	<b>Size "9V"</b>  <b>6F22NW</b>	1. Nominal Voltage: 9.0 volts    <b>Note:</b> Drawing not to scale